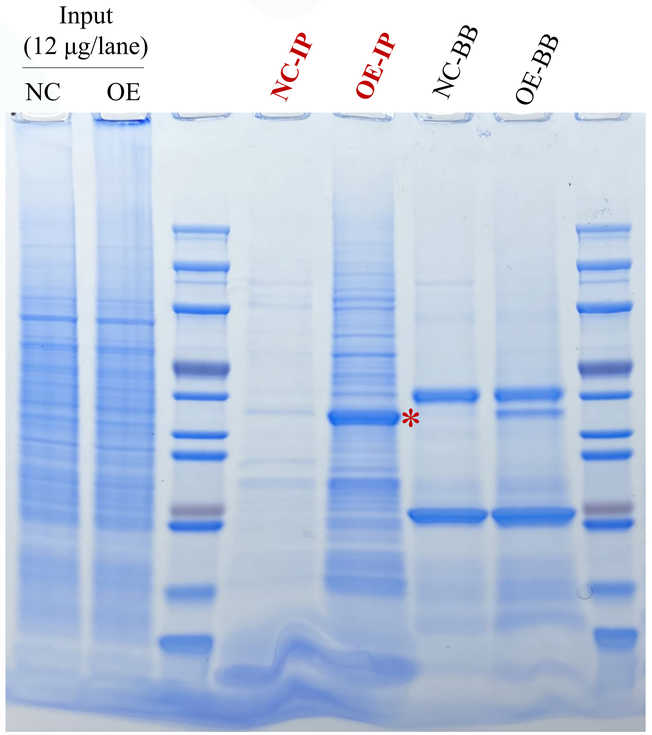
Coomassie Blue Staining Reagent

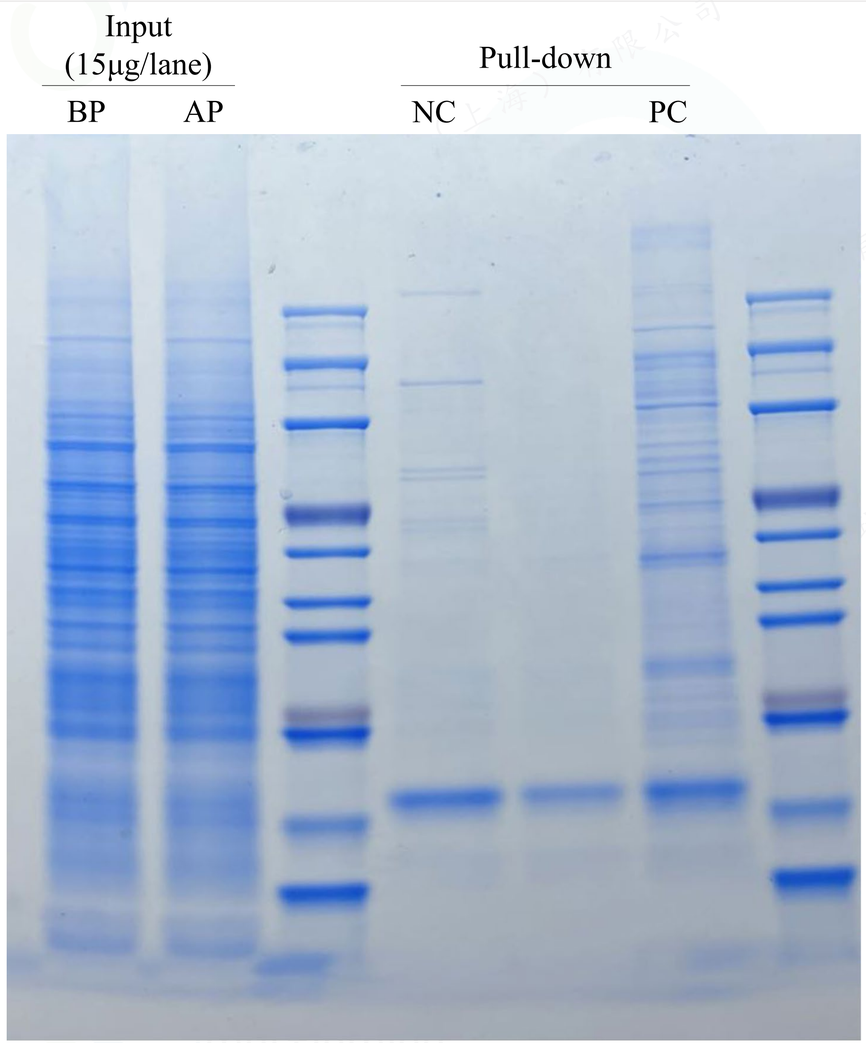
Catalog Number: MGR01

A. Staining & destaining Co-IP samples using #MGR01



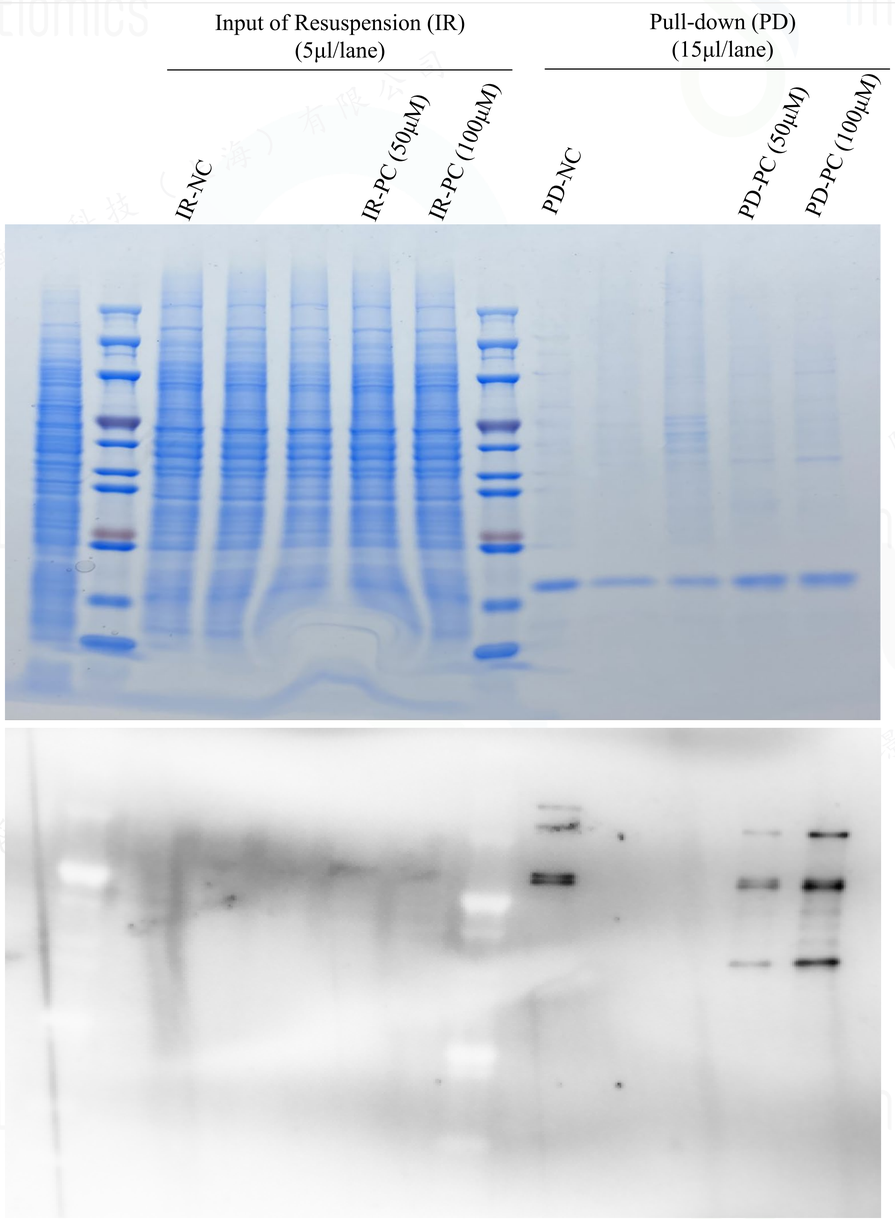
1. Co-IP samples of **NC-IP** and **OE-IP** were prepared according to the protocol **of #MG01 Kit**.
2. Co-IP samples were separated by SDS-PAGE gel and stained with **#MGR01** (Imultiomics) for 30min at Room Temperature (RT).
3. The stained SDS-PAGE gel was destained with ultra-pure water (18.2MΩ·cm@25°C) twice (1 hour incubation each time at RT), then overnight at RT.
4. The destained gel was ready to the following band-excision and in-gel trypsin digestion (Imultiomics, **#MG03**).
5. Red star: Co-IP enriched Bait Protein.

B. Staining & destaining Pull-down samples (MG05 Kit) using #MGR01



1. BP: Before Preclear; AP: After Preclear.
2. NC: negative control (MG05-5 beads only).
3. PC (Positive control): MG05-4 in MG05 Kit. PC is the biotin-labeled small molecule (SM).The pull-down samples were prepared according to the protocol od MG05 Kit.
4. Input and pull-down samples were separated by SDS-PAGE gel and stained with **#MGR01** (Imultiomics) for 30min at Room Temperature (RT).
5. The stained SDS-PAGE gel was destained with ultra-pure water (18.2MΩ·cm@25°C) twice (1 hour incubation each time at RT), then overnight at RT.

B. Staining & destaining Pull-down samples (MG06 Kit) using #MGR01

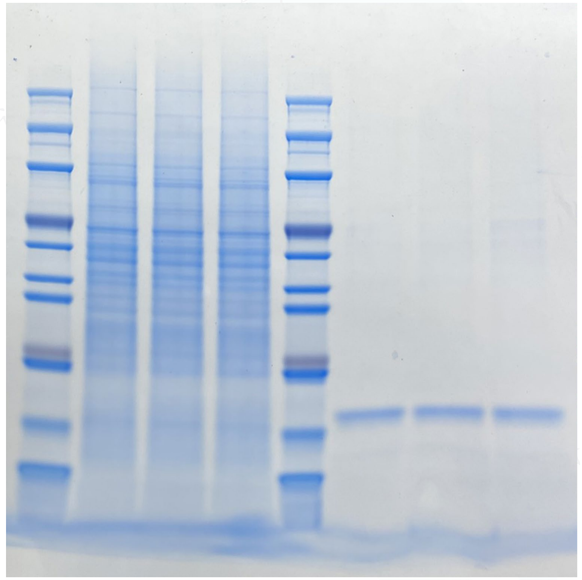


1. MG06-8 (Positive Control, PC) in **#MG06 Kit**, the alkyne-labeled SM. The pull-down samples were prepared according to the protocol of MG06 Kit.
2. The pulled-down samples of MG06-8 (50, 100μM) using **# MG06 Kit** were detected by gel staining and western blot.
3. Input and pull-down samples were separated by SDS-PAGE gel and stained with **#MGR01** (Imultiomics) for 30min at Room Temperature (RT).
4. The stained SDS-PAGE gel was destained with ultra-pure water (18.2MΩ·cm@25°C) twice (1 hour incubation each time at RT), then overnight at RT.

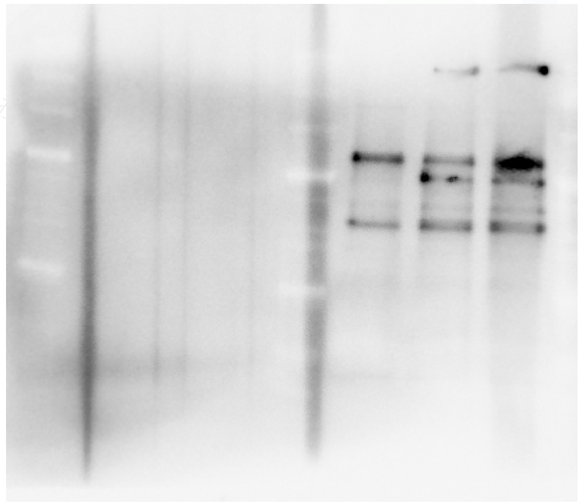
B. Staining & destaining Pull-down samples (MG07 Kit) using #MGR01

	IR (5μl/lane)			Pull-down (PD)		
MG07-8 (Positive Control, μM)	-	50	100	-	50	100

Comassie Blue Staining (Imultiomics, #MGR01)



Western blot (Streptavidin-HRP) (MG07-6 in MG07 Kit)



1. MG07-8 (Positive Control, PC) in **#MG07 Kit**, the Azide-labeled SM. The pull-down samples were prepared according to the protocol of MG07 Kit.
2. The pulled-down samples of MG07-8 (50, 100μM) using **# MG07 Kit** were detected by gel staining and western blot.
3. Input and pull-down samples were separated by SDS-PAGE gel and stained with **#MGR01** (Imultiomics) for 30min at Room Temperature (RT).
4. The stained SDS-PAGE gel was destained with ultra-pure water (18.2MΩ·cm@25°C) twice (1 hour incubation each time at RT), then overnight at RT.

Note:

MG07-8 is an azide-labeled SM specific targeting cereblon (CRBN) protein widely used in PROTAC (Proteolysis targeting chimera) system. Therefore, the abundance and pattern of protein on SDS-PAGE/western blot enriched by **#MG07 Kit** may be cell/tissue type-dependent.