

USP35 recombinant protein

USP35, Active

CATALOG # AAA74108	HOST Sf9 insect cells	APPLICATIONS Western Blot
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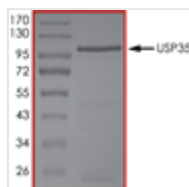
PRODUCT SYNONYMS

USP35; Active; KIAA1372; USP35 recombinant protein

PRODUCT SPECIFICATIONS

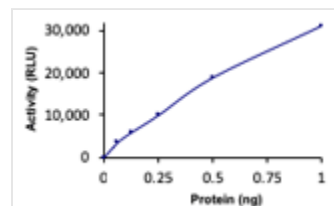
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for USP35 recombinant protein	WB (Western Blot), Activity Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for USP35 recombinant protein	Recombinant human USP35 (395-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The USP35 gene accession number is NM_020798. USP35 (ubiquitin carboxyl-terminal hydrolase 35) is a member of the peptidase C19 family of ubiquitin-specific proteases that plays a role in the regulation of mitosis. USP35 deubiquitinates Aurora B, which promotes stability and activates Aurora B. The reaction also antagonizes the APCCDH1-dependent K11-linked ubiquitination of Aurora B. USP35 expression is regulated by FoxM1 as well as Aurora B in the cell cycle (1). USP35 induced by miR let-7a can inhibit cell proliferation by inhibiting NF-kappaB activation via deubiquitination and stabilization of ABIN-2 protein (2). The miR let-7a-USP35-ABIN-2 pathway can be used as a target for novel cancer therapy.
Product Categories/Family for USP35 recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Metabolic Disorder

References

1. Park, J.Y. et al: USP35 regulates mitotic progression by modulating the stability of Aurora B. Nature Communications 9: 688, 2018.
2. Liu, C. et al: USP35 activated by miR let-7a inhibits cell proliferation and NF-kappaB activation through stabilization of ABIN-2. Oncotarget 6(29): 27891-906, 2015.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_020798](#)

Molecular Weight

105kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/usp35-recombinant-protein-sf9-insect-cells-wb-western-blot-activity-assay/74108>