

USP8 recombinant protein

USP8, Active

CATALOG # AAA74098	HOST E Coli	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

USP8; Active; KIAA0055; UBPY; USP8 recombinant protein

PRODUCT SPECIFICATIONS

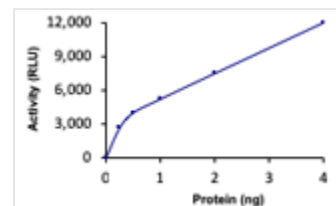
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for USP8 recombinant protein	WB (Western Blot), Activity Assay
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with 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 USP8 recombinant protein	Recombinant human USP8 (630-end) was expressed in E Coli cells using an N-terminal His tag. The USP8 gene accession number is NM_005154. USP8 (ubiquitin carboxyl-terminal hydrolase 8) is a member of the ubiquitin-specific processing protease family of proteins and is involved in the regulation of endosomal ubiquitin processes for endosome morphology, cargo sorting and membrane trafficking at the early endosome stage. USP8 deubiquitinates EPS15 and regulates EGFR degradation and MAPK signaling via removing conjugated ubiquitin from EGFR (1). USP8 also interacts with spermatid ESCRT-0 and microtubule structures in mouse species, suggesting that it may be involved in acrosome biogenesis (2).
Product Categories/Family for USP8 recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Metabolic Disorder

References

1. Berlin, I. et al: Regulation of epidermal growth factor receptor ubiquitination and trafficking by the USP8-STAM complex. Journal of biological chemistry 285(45), 34909-21, 2010.
2. Giovanna,B. et al. USP8, a Regulator of Endosomal Sorting, Is Involved in Mouse Acrosome Biogenesis Through Interaction with the Spermatid ESCRT-0 Complex and Microtubules, Biology of Reproduction, 82(5), 930-939, 2010.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_005154](#)

Molecular Weight

55kDa

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/usp8-recombinant-protein-e-coli-wb-western-blot-activity-assay/74098>