

HERC4 recombinant protein

HERC4, Active

CATALOG # AAA73595	HOST Sf9 insect cells	APPLICATIONS Western Blot
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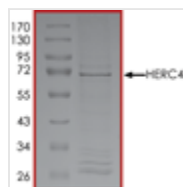
PRODUCT SYNONYMS

HERC4; Active; KIAA1593; HERC4 recombinant protein

PRODUCT SPECIFICATIONS

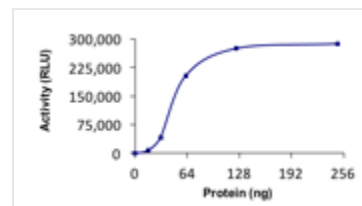
Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for HERC4 recombinant protein	WB (Western Blot)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped 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 HERC4 recombinant protein	Recombinant human HERC4 (642-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The HERC4 gene accession number is NM_015601. HERC4 or HECT and RLD domain containing E3 ubiquitin protein ligase 4 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1-like domain (RLD). The 350-amino acid HECT domain is predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD domain is predicted to act as a guanine nucleotide exchange factor for small G proteins. HERC4 is highly expressed in adult and fetal brain and in all specific brain regions examined.
Product Categories/Family for HERC4 recombinant protein	Ubiquitin Enzymes ; AKT/PKB Pathway ; Cancer ; ERK/MAPK Pathway ; Receptor Tyrosine Kinases

References

1. Hochrainer, K. et al: The human HERC family of ubiquitin ligases: novel members, genomic organization, expression profiling, and evolutionary aspects. Genomics 85: 153-164, 2005
2. Nagase, T. et al: Prediction of the coding sequences of unidentified human genes. XVIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 7: 273-281, 2000

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_015601](#)

Molecular Weight

71kDa

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/herc4-recombinant-protein-sf9-insect-cells-wb-western-blot/73595>