

MGRN1 recombinant protein

MGRN1, Active

CATALOG # AAA73674	HOST Sf9 insect cells	APPLICATIONS Western Blot
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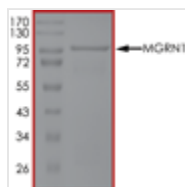
PRODUCT SYNONYMS

MGRN1; Active; CD41B; GP2B; ITGA2B; KIAA0544; RNF156; MGRN1 recombinant protein

PRODUCT SPECIFICATIONS

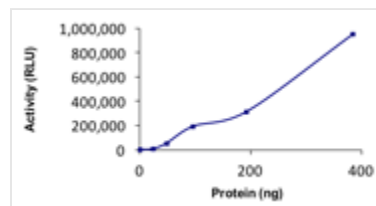
Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, and 25% glycerol.
Applicable Applications for MGRN1 recombinant protein	WB (Western Blot)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped 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 MGRN1 recombinant protein	Recombinant human MGRN1 (2-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_015246. MGRN1 or mahogunin ring finger 1, E3 ubiquitin protein ligase is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro (1). MGRN1 gene encodes 4 mRNA isoforms that contain a central C3HC4 RING domain as the only recognizable protein motif and regions flanking the RING domain and the N-terminal region of the protein are also conserved between vertebrate and invertebrate genome and MGRN1 is highly expressed in brain (2). MGRN1 has been detected in the adrenal cortex in kidney and its role may relate to the trafficking and/or degradation of the melanocortin 2 receptor.
Product Categories/Family for MGRN1 recombinant protein	Ubiquitin Enzymes; Angiogenesis; Apoptosis/Autophagy; Cancer; Cell Cycle; Cellular Stress; Inflammation; Invasion/Metastasis; Neurobiology

References

1. Phan, L. K.et.al: The mouse mahoganoid coat color mutation disrupts a novel C3HC4 RING domain protein. J. Clin. Invest. 110: 1449-1459, 2002.
2. He, L. et.al: Spongiform degeneration in mahoganoid mutant mice. Science 299: 710-712, 2003.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_015246](#)

Molecular Weight

~96kDa

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/mgrn1-recombinant-protein-sf9-insect-cells-wb-western-blot/73674>