

RON recombinant protein

RON, Active

CATALOG # AAA73727	HOST Sf9 insect cells	APPLICATIONS Western Blot
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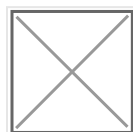
PRODUCT SYNONYMS

RON; Active; MST1R; PTK8; CDw136; RON recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for RON recombinant protein	WB (Western Blot), Kinase 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 Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for RON recombinant protein	Recombinant human RON (983-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_002447. RON is a macrophage stimulating 1 receptor c-met-related tyrosine kinase (1). RON receptor tyrosine kinase interacts with HYAL2 receptor protein, rendering it functionally inactive. HYAL2 is a candidate tumor-suppressor glycosylphosphatidylinositol-anchored cell-surface protein that serves as an entry receptor for jaagsiekte sheep retrovirus, a virus that causes contagious lung cancer in sheep that is morphologically similar to human bronchioloalveolar carcinoma. It was shown that RON liberated from the association with HYAL2 becomes functionally active and activates the Akt and mitogen-activated protein kinase pathways (2).
Product Categories/Family for RON recombinant protein	Protein Kinases ; AKT/PKB Pathway ; Cancer ; Inflammation ; Invasion/Metastasis ; Receptor Tyrosine Kinases ; WNT Signaling
References	1. Wang, M.H. et al: Identification of the ron gene product as the receptor for the human macrophage stimulating protein. Science, 1994; 266 (5182): 117-9. 2. Li, B,Q, et al: "Macrophage-stimulating protein activates Ras by both activation and translocation of SOS nucleotide exchange factor. Biochem. Biophys. Res. Commun.1995; 216 (1): 110-8.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_002447
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/ron-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73727>