

ROR1 recombinant protein

ROR1, Active

CATALOG # AAA73926	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ROR1; Active; dJ537F10.1; NTRKR1; ROR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein 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 ROR1 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 ROR1 recombinant protein	Recombinant human ROR1(429-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The ROR1 gene accession number is NM_005012. ROR1 is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors that play a role in the control of most basic cellular processes including cell proliferation, differentiation, migration and metabolism (1). Many human breast cancers express the ROR1 protein and high-level expression of ROR1 in breast adenocarcinoma is associated with aggressive disease. Silencing expression of ROR1 in human breast cancer cell lines found to express this protein impaired their growth in vitro and also in immune-deficient mice (2).
Product Categories/Family for ROR1 recombinant protein	Protein Kinases ; Cancer ; Cardiovascular Disease ; Invasion/Metastasis ; Neurobiology ; Receptor Tyrosine Kinases ; WNT Signaling
References	1. Afzal, A. R. et.al: One gene, two phenotypes: ROR2 mutations in autosomal recessive Robinow syndrome and autosomal dominant brachydactyly type B. Hum. Mutat. 22: 1-11, 2003. 2. Zhang, S. et al: ROR1 is expressed in human breast cancer and associated with enhanced tumor-cell growth. PLoS One. 2012;7(3):e31127.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005012
Molecular Weight	~82kDa

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/ror1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73926>