

ROR2 recombinant protein

ROR2, Active

CATALOG # AAA73927	HOST Sf9 insect cells	APPLICATIONS Western Blot
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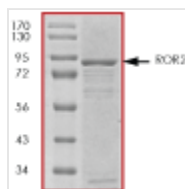
PRODUCT SYNONYMS

ROR2; Active; BDB; BDB1; NTRKR2; MGC163394; ROR2 recombinant protein

PRODUCT SPECIFICATIONS

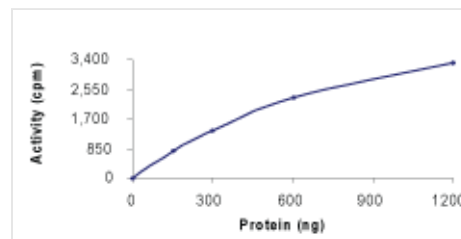
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for ROR2 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped 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 ROR2 recombinant protein	Recombinant human ROR2 (427-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_004560. ROR2 is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. ROR2 is selectively expressed in the chondrocytes of all developing cartilage anlagen, where it is essential during initial growth and patterning, as well as subsequently in the proliferating chondrocytes of mature growth plates, where it is required for normal expansion (1). Thus, ROR2 is selectively expressed in and particularly important for the chondrocyte lineage and loss of ROR2 leads to profound skeletal abnormalities (2).
Product Categories/Family for ROR2 recombinant protein	Protein Kinases ; Cancer ; Cardiovascular Disease ; Invasion/Metastasis ; Neurobiology ; Receptor Tyrosine Kinases ; WNT Signaling

References

1. DeChiara, T. M. et al: Ror2, encoding a receptor-like tyrosine kinase, is required for cartilage and growth plate development. Nature Genet. 24: 271-274, 2000.
2. Nomi, M. et al : Loss of mRor1 enhances the heart and skeletal abnormalities in mRor2-deficient mice: redundant and pleiotropic functions of mRor1 and mRor2 receptor tyrosine kinases. Molec. Cell. Biol. 21: 8329-8335, 2001.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_004560](#)

Molecular Weight

~86kDa

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/ror2-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73927>