ROR1 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ROR1, Recombinant Protein
Full Product Name	Human ROR1 Recombinant Protein C-His-Avi Tag Lyophilized
Product Gene Name	ROR1 recombinant protein
Host	Human Cells
Form/Format	The protein formulation is lyophilized from a 0.2um filtered solution of PBS; pH 7.4
Purity/Purification	>95% as determined by reducing SDS-PAGE. <1.0 EU per ug as determined by the LAL method.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Tag	C-His-Avi
Related Product Information for ROR1 recombinant protein	Human ROR1 Recombinant Protein C-His-Avi Tag Lyophilized has been recombinantly produced in Human Cells. Receptor tyrosine kinase-like orphan receptor 1 (ROR1); also known as neurotrophic tyrosine kinase; it is a member of the ROR family within receptor tyrosine kinases (RTK) superfamily. Human ROR1 is a type I transmembrane protein with 937 amino acids (aa) in length. It contains a 29 aa signal sequence; a 377 aa extracellular domain (ECD); a 21 aa transmembrane segment; and a 510 aa cytoplasmic region. ROR1 expressed strongly in human heart; lung and kidney; but weakly in the CNS. At developmental stage; it expressed at high levels during early embryonic development. ROR1 has been shown to have very low kinase activity in vitro and is unlikely to function as a tyrosine kinase in vivo. It may act as a receptor for wnt ligand WNT5A which may result in the inhibition of WNT3A-mediated signaling.
Other Notes	Small volumes of ROR1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ROR1 purchase	MBS8433288 is a recombinant protein targeting ROR1. Also known as Human ROR1 Recombinant Protein C-His-Avi Tag Lyophilized. Host: Human Cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ROR1. It may not necessarily be applicable to this product.

Protein Family	Inactive tyrosine-protein kinase transmembrane receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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