

Recombinant Human ROR1 protein, Fc-tagged

Cat. No. ROR1-387H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROR1(Met1-Glu403) fused with the Fc region of human IgG1 at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Glu403
Predicted N Terminal	Gln 30
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant human ROR1/Fc comprises 615 amino acids and has a predicted molecular mass of 69 kDa. The apparent molecular mass of the protein is approximately 69 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	ROR1 receptor tyrosine kinase-like orphan receptor 1 [Homo sapiens]
Official Symbol	ROR1
Synonyms	ROR1; receptor tyrosine kinase-like orphan receptor 1; NTRKR1; tyrosine-protein kinase transmembrane receptor ROR1; neurotrophic tyrosine kinase receptor-related 1; neurotrophic tyrosine kinase, receptor-related 1; dJ537F10.1; MGC99659;
Gene ID	4919
mRNA Refseq	NM_005012
Protein Refseq	NP_005003
MIM	602336
UniProt ID	Q01973

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Chromosome Location	1p32-p31
Pathway	Nuclear Receptors, organism-specific biosystem;
Function	ATP binding; Wnt-protein binding; kinase activity; nucleotide binding; receptor activity; transmembrane receptor protein tyrosine kinase activity;

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