Recombinant Human ROR2, Fc-tagged, Biotinylated

Cat. No. ROR2-668H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human ROR2-Fc fusion is expressed as a 598 amino acid protein consisting of Glu34 - Gly403 region of ROR2 (Uniprot #Q01974) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	34-403 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Molecular Mass	Calculated molecular mass (kDa): 66.9; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
Endotoxin	<0.1 eu="" per="" 1="" µg="" of="" purified="" recombinant="" protein="" determined="" by="" the="" lal="">
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	cycles.
Conjugation	Biotin

GENE INFORMATION

Gene Name	ROR2 receptor tyrosine kinase-like orphan receptor 2 [Homo sapiens]
Official Symbol	ROR2
Synonyms	ROR2; receptor tyrosine kinase-like orphan receptor 2; BDB, BDB1, NTRKR2; tyrosine-protein kinase transmembrane receptor ROR2; neurotrophic tyrosine kinase receptor-related 2; BDB; BDB1; NTRKR2; MGC163394;
Gene ID	4920
mRNA Refseq	NM_004560
Protein Refseq	NP_004551
MIM	602337
UniProt ID	Q01974
Chromosome Location	9q22
Pathway	Noncanonical Wnt signaling pathway, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt signaling network, organism-specific biosystem;
Function	ATP binding; Wnt-protein binding; frizzled binding; nucleotide binding; receptor

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	activity; transmembrane receptor protein tyrosine kinase activity;

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