

## Product datasheet for **TP324765M**

### **ROR1 (NM\_001083592) Human Recombinant Protein**

#### **Product data:**

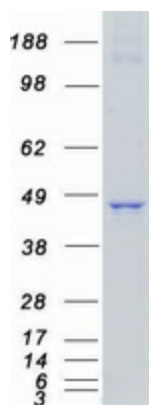
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human receptor tyrosine kinase-like orphan receptor 1 (ROR1), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC224765 representing NM_001083592 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MHRPRRRGTRPPLLALLAALLLAARGAAQETELSVSAELVPTSSWNISSELNKDSYLTLDPEMNNITTS LGQTAELHCKVSGNPPPTIRWFKNDAPVVQEPRLSFRSTIYGSRLRIRNLDTTDTGYFQCVATNGKEVV SSTGVLVFKGPPPTASPGYSDEYEEDGFCQPYRGIACARFIGNRTVYMESLHMQGEIENQITAAFTMIG TSSHLSDKCSQFAIPSLCHYAFPYCDETSSVPKPRDLCDCEILENVLCQTEYIFARSNPMILMRLKLP NCEDLPQPESPEAANCIRIGIPMADPINKNHKCYNSTGVDYRGTVSVTKSGRQCQPWNSQYPHTHTFTAL RFPELNGGHSYCRNPGNQKEAPWCFTLDENFKSDLCDIPACGK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	43.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001077061</a></u>



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Locus ID:	4919
UniProt ID:	<a href="#">Q01973</a>
RefSeq Size:	2303
Cytogenetics:	1p31.3
RefSeq ORF:	1179
Synonyms:	dj537F10.1; NTRKR1
Summary:	This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2012]
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane

### Product images:



Coomassie blue staining of purified ROR1 protein (Cat# [TP324765]). The protein was produced from HEK293T cells transfected with ROR1 cDNA clone (Cat# [RC224765]) using MegaTran 2.0 (Cat# [TT210002]).