

Product datasheet for **TP700158**

ROR1 (NM_005012) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens receptor tyrosine kinase-like orphan receptor 1 (ROR1), transcript variant 1, residue 30-406 aa, expressed in HEK293 cells.
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC214967, encoding the extracellular domain (Gln30 - Tyr406) of human ROR1, transcript variant 1
Tag:	C-DDK/His
Predicted MW:	45.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005003
Locus ID:	4919
UniProt ID:	Q01973
RefSeq Size:	3358
Cytogenetics:	1p31.3
RefSeq ORF:	2811
Synonyms:	dj537F10.1; NTRKR1



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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: