

## Product datasheet for TP315640L

### ROR2 (NM\_004560) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human receptor tyrosine kinase-like orphan receptor 2 (ROR2), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC215640 representing NM\_004560  
Red=Cloning site Green=Tags(s)

MARGSALPRRPLLCIPAVWAAAALLLSVSRSTSGEVEVLDPNPLGPLDGQDGIPTLKGFLNFLEPVNN  
 ITIVQGQTALHCKVAGNPPPNVRWLKNDAPVVQEPRIIRKTEYGSRLRIQDLDTTDTGGYQCVAATNG  
 MKTITATGVLVRLGPTHSPNHNFQDDYHEDGFCQPYRGIACARFIGNRTIYVDSLQMQGEIENRITAAF  
 TMIGTSTHLSQCSQFAIPSFCHFVPLCDARSRAPKPRELCRDECEVLESDLCRQEYTIARSNPLILMR  
 LQLPKCEALPMPESPDAANCMRIGIPAERLGRYHQCYNGSGMDYRGTASTTKSGHQCPWALQHPHSHHL  
 SSTDFPELGGGHAYCRNPGGQMEGPWCFTQKNVMEELCDVPSCSPRDSKMGILYILVPSIAIPLVIAC  
 LFFLVCRCRNKQKASASTPQRRQLMASPSQDMEMPLINQHKQAKLKEISLAVRFMEELGEDRFGKVKYG  
 HLFGPAPGEQTQAVAIKTLKDKAEGPLREEFRHEAMLRLARLQHPNVVCLLGVVTKDQPLSMIFSYSYCSHG  
 LHEFLVMRSPHSDVGSSTDDRTVKSALPEPFDVHLVAQIAAGMEYLSHHVHVKDLATRNVLVYDKLNVK  
 ISDLGLFREYVAADYYKLLGNSLLPIRWMAPAIMYGKFSIDSDIWSYGVWLVWVFSYGLQPYCGYSNQD  
 VVEMIRNRQVLPDPCPAWVYALMIECWNEFPSRRPRFKDIHSRLRAWGNLSNYNSSAQTSGASNTTQT  
 SSLSTSPVSNVSNARYVGPQKAPFPQPFIPMKGQIRPMVPPPQLYIPVNGYQVPAYGAYLPNFYPV  
 QIPMQMAPQQVPPQMVPKPSHHSGSGSTSTGYVTTAPSNTSMADRAALLSEGADDTQNAPEDGAQSTVQ  
 EAEEEEEGSVPETELLGDCDTLQVDEAQVQLEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

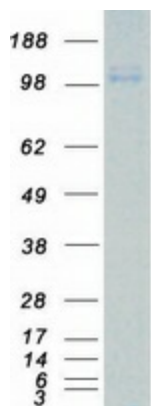
**Tag:** C-Myc/DDK  
**Predicted MW:** 101.3 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<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>	<a href="#">NP_004551</a>
<b>Locus ID:</b>	4920
<b>UniProt ID:</b>	<a href="#">Q01974</a>
<b>RefSeq Size:</b>	4091
<b>Cytogenetics:</b>	9q22.31
<b>RefSeq ORF:</b>	2829
<b>Synonyms:</b>	BDB; BDB1; NTRKR2
<b>Summary:</b>	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transmembrane

### Product images:



Coomassie blue staining of purified ROR2 protein (Cat# [TP315640]). The protein was produced from HEK293T cells transfected with ROR2 cDNA clone (Cat# [RC215640]) using MegaTran 2.0 (Cat# [TT210002]).