

## Product datasheet for **TP320725L**

### **RIPPLY2 (NM\_001009994) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ripply2 homolog (zebrafish) (RIPPLY2), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC220725 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MENAGGAEGTESGAAACAATDGPTRRAGADSGYAGFWRPWVDAGGKKEETPNHAAEAMPDGPGMTAASG KLYQFRHPVRLFWPKSKCYDYLYQAEALLKNFPIQATISFYEDSDSEDEIEDLTCEN  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	13.7 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>	<a href="#">NP_001009994</a>
<b>Locus ID:</b>	134701
<b>UniProt ID:</b>	<a href="#">Q5TAB7</a>
<b>RefSeq Size:</b>	674
<b>Cytogenetics:</b>	6q14.2



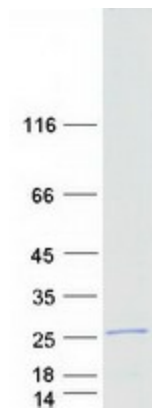
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RefSeq ORF: 384

Synonyms: C6orf159; dj237115.1; SCDO6

**Summary:** This gene encodes a nuclear protein that belongs to a novel family of proteins required for vertebrate somitogenesis. Members of this family have a tetrapeptide WRPW motif that is required for interaction with the transcriptional repressor Groucho and a carboxy-terminal Ripply homology domain/Bowline-DSCR-Ledgerline conserved region required for transcriptional repression. Null mutant mice die soon after birth and display defects in axial skeleton segmentation due to defective somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

### Product images:



Coomassie blue staining of purified RIPPLY2 protein (Cat# [TP320725]). The protein was produced from HEK293T cells transfected with RIPPLY2 cDNA clone (Cat# [RC220725]) using MegaTran 2.0 (Cat# [TT210002]).