

## Product datasheet for **TP317830L**

### REPS2 (NM\_001080975) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human RALBP1 associated Eps domain containing 2 (REPS2), transcript variant 2, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC217830 representing NM\_001080975  
Red=Cloning site Green=Tags(s)

MEAAAAAAAAAAAAAAAAAGGGCGSGPPPLLLSEGEQQCYSELFARCAGAAGGGPGSGPPEAARVAPGTATA  
AAGPVADLFRASQLPAETLHQITELCGAKRVGYFGPTQFYIALKLIAAAQSGPLVRIESIKCELPLPRFM  
MSKNDGEIRFGNPAELHGTVQIPYLTTEKNSFKRMDDEDKQETQSPMSPLASPPSSPPHYQRVPLSHG  
YSKLRSSAEQMHPAPYEARQPLVQPEGSSSGPGTKPLRHQASLIRSFVERELQDNSSYPDEPWRITEE  
QREYYVNQFRSLQDPSSFISGSVAKNFFTKSLSIPELSYIWELSDADCDGALTLPFCAAFHLIVARK  
NGYPLPEGLPPTLQPEYLQAAFPPKPKWDCQLFDSYSEL PANQQPRDLNRMKTSVKDMADLPVPNQDVT  
SDDKQALKSTINEALPKDVSEDPATPKDSNSLKARPRRSYSSTSIEEAMKRGEDPPTPPRPQKTHSRA  
SSLDLNKVFQPSVPATKSGLLPPPPALPPRPCPSQSEQVSEAE LLPQLSRAPSQA AESSPAKKDVLVSQP  
PSKPIRRKFRPENQATENQEPSTAASGPASAATMKPHPTVQKQSSKQKKAIQTAIRKNKEANAVLARLNS  
ELQQQLKEVHQERIALENQLEQLRPVTVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 71.2 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.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

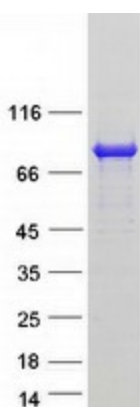
**Storage:** Store at -80°C.



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<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_001074444</a>
<b>Locus ID:</b>	9185
<b>UniProt ID:</b>	<a href="#">Q8NFH8</a>
<b>RefSeq Size:</b>	7961
<b>Cytogenetics:</b>	Xp22.2
<b>RefSeq ORF:</b>	1977
<b>Synonyms:</b>	POB1
<b>Summary:</b>	The product of this gene is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified REPS2 protein (Cat# [TP317830]). The protein was produced from HEK293T cells transfected with REPS2 cDNA clone (Cat# [RC217830]) using MegaTran 2.0 (Cat# [TT210002]).