

## Product datasheet for **TP311739L**

### **RNF22 (TRIM3) (NM\_006458) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human tripartite motif-containing 3 (TRIM3), transcript variant 1, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC211739 representing NM\_006458  
**Red**=Cloning site **Green**=Tags(s)

MAKREDS PGPEVQPMQDKQFLVCSICLD RYQCPKVL PCLHTFCERCLQNYIPAQSLT LSCPVC RQTSILPE  
QGVSA LQNNFFISSLMEAMQQAPDGAHPEDPHPLSVVAGRPLSCP NHEGKTMEFYCEACETAMCGECRA  
GEHREHGTVLLRDVVEQHKAALQRQLEAVRGRLPQLSAAIALVGGISQQLQERKAEALQISAAFEDLEQ  
ALQQRKQALVSDLETICGAKQKVLQSQLD TLRQGEHIGSSCSFAEQALRLGSAPEVLLVRKHM RERLAA  
LAAQAFPERPHENAQLELVLEVDGLRRSVLNLGALLTTSATAHETVATGEGLRQALVGGQPASLTVTTKDK  
DGR LVRTGSAELRAEITGPDGTRLPVPVVDHKNGT YELVYARTEGELLSVLLYGQPVRGSPFRVRLR  
PGDLPPSPDDVKRRVKSPGGPGSHVRQKAVRRPSSMYSTGGKRKDNPIEDELVFRVGRGREGKEFTNLQ  
GVSAASSGRIVVADSNQCIQVFSNEGQFKFRFGVRGRSPGQLQRPTGVAVD TNGDIIVADYDNRVWSIF  
SPEGKFKTKIGAGRLMGPKGVAVD RNGTHIIVDNKSCCVFTFQPNGKLVGRFGGRGATDRHFAGPHFVAV  
NNKNEI VTFDHNHSVKVYSADGEFLFKFGSHGEGNGQFNAPTGVAVDSNGNIIVADWGN SRIQVFDSSG  
SFLSYINTSAEPLYGPQGLALTSDGHV VADAGNHCFKAYRYLQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

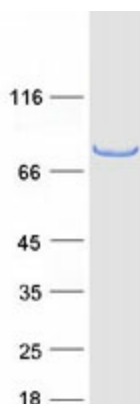
**Tag:** C-Myc/DDK  
**Predicted MW:** 80.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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_006449</a>
<b>Locus ID:</b>	10612
<b>UniProt ID:</b>	<a href="#">O75382</a> , <a href="#">B7Z5Y8</a>
<b>RefSeq Size:</b>	3059
<b>Cytogenetics:</b>	11p15.4
<b>RefSeq ORF:</b>	2232
<b>Synonyms:</b>	BERP; HAC1; RNF22; RNF97
<b>Summary:</b>	<p>The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified. [provided by RefSeq, Jul 2008]</p>

### Product images:



Coomassie blue staining of purified TRIM3 protein (Cat# [TP311739]). The protein was produced from HEK293T cells transfected with TRIM3 cDNA clone (Cat# [RC211739]) using MegaTran 2.0 (Cat# [TT210002]).