

## Product datasheet for **TP311928L**

### **RNF22 (TRIM3) (NM\_033278) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tripartite motif-containing 3 (TRIM3), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211928 representing NM_033278 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKREDS PGPEVQPMQDKQFLVCSICLD RYQCPKVL PCLHTFCERCLQNYIPAQSLT LSCPVC RQTSILPE  
QGVSA LQNNFFISSLMEAMQQAPDGAHPEDPHPLSVVAGRPLSCP NHEGKTMEFYCEACETAMCGECRA  
GEHREHGTVLLRDVVEQHKAALQRQLEAVRGRLPQLSAAIALVGGISQQLQERKAEALAQISAAFEDLEQ  
ALQQRKQALVSDLETICGAKQKVLQSQLD TLRQGEHIGSSCSFAEQALRLGSAPEVLLVRKHM RERLAA  
LAAQAFPERPHENAQLELVLEVDGLRRSVLNLGALLTTSATAHETVATGEGLRQALVGGQPASLTVTTKDK  
DGR LVRTGSAELRAEITGPDGTRLPVPVVDHKNGT YELVYARTEGELLSVLLYGQPVRGSPFRVRLR  
PGDLPPSPDDVKRRVKSPGGPGSHVRQKAVRRPSSMYSTGGKRKDNPIEDELVFRVGRGREGKEFTNLQ  
GVSAASSGRIVVADSNQCIQVFSNEGQFKFRFGVRGRSPGQLQRPTGVAVD TNGDIIVADYDNRWVSIF  
SPEGKFKTKIGAGRLMGPKGVAVD RNGTHIIVDNKSCCVFTFQPNGKLVGRFGGRGATDRHFAGPHFVAV  
NNKNEI VTFDHNHSVKVYSADGEFLFKFGSHGEGNGQFNAPTGVAVDSNGNIIVADWGN SRIQVFDSSG  
SFLSYINTSAEPLYGPQGLALTSDGHVWVADAGNHCFKAYRYLQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

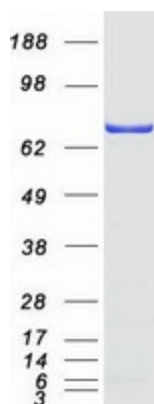
Tag:	C-Myc/DDK
Predicted MW:	80.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_150594</a>
<b>Locus ID:</b>	10612
<b>UniProt ID:</b>	<a href="#">O75382</a>
<b>RefSeq Size:</b>	2894
<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# [TP311928]). The protein was produced from HEK293T cells transfected with TRIM3 cDNA clone (Cat# [RC211928]) using MegaTran 2.0 (Cat# [TT210002]).