

## Product datasheet for **TP308732**

### **C20orf103 (LAMP5) (NM\_012261) Human Recombinant Protein**

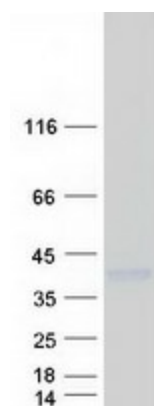
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 20 open reading frame 103 (C20orf103), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208732 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MDLQGRGVPSIDRLRVLLMLFHTMAQIMAEQEVENLSGLSTNPEKDIFVRENGTTCLMAEFAAKFIVPY DWWASNYVDLITEQADIALTRGAEVKGRCGHSQSELQVFWVDRAAYALKMLFVKESHNMSKGPEATWRLSK VQFVYDSSEKTHFKDAVSAGKHTANSHHLSALVTPAGKSYECQAQQTISLASSDPQKVTMILSAVHIQP FDIISDFVFSEEHKCPVDEREQLEETLPLILGLILGLVIMVTLAIYHVHHKMTANQVQIPRDRSQYKHMG  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	28.1 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_036393</a>
Locus ID:	24141
UniProt ID:	<a href="#">Q9UJQ1</a>



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RefSeq Size:	2059
Cytogenetics:	20p12.2
RefSeq ORF:	840
Synonyms:	BAD-LAMP; BADLAMP; C20orf103; LAMP-5; UNC-46
Summary:	Plays a role in short-term synaptic plasticity in a subset of GABAergic neurons in the brain. [UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

**Product images:**

Coomassie blue staining of purified LAMP5 protein (Cat# TP308732). The protein was produced from HEK293T cells transfected with LAMP5 cDNA clone (Cat# [RC208732]) using MegaTran 2.0 (Cat# [TT210002]).