

Product datasheet for **TP304378**

NIP30 (FAM192A) (NM_024946) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NEFA-interacting nuclear protein NIP30 (NIP30), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204378 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDGGDDGNLIIKKRFVSEALDERRKRRQEWEKVRKPEDPEECPEEVYDPRSLYERLQEQKDRKQQEYE EQFKFKNMVRGLDEDETNFLDEVSRQQELIEKQRREEELKELKEYRNLLKKGISQENKKEVEKLTVKP IETKNKFSQAKLLAGAVKHKSSSEGSNSVKRLKPDPEPDDKNQEPSSCKSLGNTSLSGPSIHCPAAVCIG ILPGLGAYSGSSDSESSDSEGTINATGKIVSSIFRTNTFLEAP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	28.7 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
Bioactivity:	Enzyme substrate (PMID: 29804834)
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:	NP_079222
Locus ID:	80011



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UniProt ID: [Q9GZU8](#), [A0A024R6T8](#)

RefSeq Size: 2865

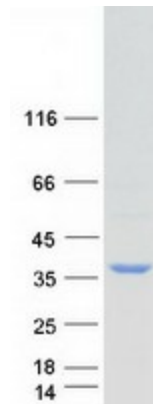
Cytogenetics: 16q13

RefSeq ORF: 762

Synonyms: C16orf94; CDA018; CDA10; FAM192A; NIP30; PIP30

Summary: Promotes the association of the proteasome activator complex subunit PSME3 with the 20S proteasome and regulates its activity. Inhibits PSME3-mediated degradation of some proteasome substrates, probably by affecting their diffusion rate into the catalytic chamber of the proteasome. Also inhibits the interaction of PSME3 with COIL, inhibits accumulation of PSME3 in Cajal bodies and positively regulates the number of Cajal bodies in the nucleus. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FAM192A protein (Cat# TP304378). The protein was produced from HEK293T cells transfected with FAM192A cDNA clone (Cat# [RC204378]) using MegaTran 2.0 (Cat# [TT210002]).