

Product datasheet for **TP300129L**

C12orf11 (ASUN) (NM_018164) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 12 open reading frame 11 (C12orf11), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200129 protein sequence Red =Cloning site Green =Tags(s)

MKIFSESHKTVFVVDHCPYMAESCRQHVEFDMLVKNRTQGIIPLAPISKSLWTCVSESSMEYCRIMYDIF
PFFKLVNFIVSDSGAHLVNSWTQEDQNLQELMAALAAVGPPNPRADPECCSILHGLVAAVETLCKITEYQ
HEARTLLMENAERVGNRGRICITNAKSDSHVRMLEDCVQETIHEHNKLAANSDHLMQIQKCELVLIHTY
PVGEDSLVSDRSKKELSPVLTSEVHSVVRAGRHLATKLNILVQQHFDLASTTITNIPMKEEQHANTSANYD
VELLHHKDAHVDLFLKSGDSHLGGGSGREGSFKETITLKWCTPRTNNIELHYCTGAYRISPDVNSRPSSCL
TNFLLNGRSVLLEQPRKSGSKVISHMLSSHGGEIFLHVLSSRSILEDPPSISEGCGGRVTDYRITDFGE
FMRENRLTPFLDPYKIDGSLEVPLERAKDQLEKHTRYWPMIISQTTIFNMQAVVPLASVIVKESLTEED
VLNCQKTIYNLVDMERKNDPLPISTVGTGRGKGPKRDEQYRIMWNELETLVRAHINNSEKHQVRLECLMAC
RSKPPEEEERKKRGRKREDKEDKSEKAVKDYEQEKSWQDSERLKGILERGKEELAEAEI IKDSPDSPEPP
NKKPLVEMDETPQVEKSGPVSLLSLWSNRINTANSRKHQEFAGRLNSVNNRAELYQHLKEENGMETTK
N
GKASRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	80 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.



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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_060634
Locus ID:	55726
UniProt ID:	Q9NVM9
RefSeq Size:	2988
Cytogenetics:	12p11.23
RefSeq ORF:	2118
Synonyms:	ASUN; C12orf11; GCT1; Mat89Bb; NET48; SPATA30
Summary:	Crucial regulator of the mitotic cell cycle and development. At prophase, required for dynein anchoring to the nuclear envelope important for proper centrosome-nucleus coupling. At G2/M phase, may be required for proper spindle formation and execution of cytokinesis. Probable component of the Integrator (INT) complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing (PubMed:23904267).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified INTS13 protein (Cat# [TP300129]). The protein was produced from HEK293T cells transfected with INTS13 cDNA clone (Cat# [RC200129]) using MegaTran 2.0 (Cat# [TT210002]).