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Product datasheet for TP308044L

IFT52 (NM_016004) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human intraflagellar transport 52 homolog (Chlamydomonas) (IFT52), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208044 protein sequence Red=Cloning site Green=Tags(s) MEKELRSTILFNAYKKEIFTTNNGYKSMQKKLRSNWKIQSLKDEITSEKLNGVKLWITAGPREKFTAAEF EILKKYLDTGGDVFVMLGEGGESRFDTNINFLLEEYGIMVNNDAVVRNVYHKYFHPKEALVSSGVLNREI SRAAGKAVPGIIDEESSGNNAQALTFVYPFGATLSVMKPAVAVLSTGSVCFPLNRPILAFYHSKNQGGKL AVLGSCHMFSDQYLDKEENSKIMDVVFQWLTTGDIHLNQIDAEDPEISDYMMLPYTATLSKRNRECLQES DEIPRDFTTLFDLSIFQLDTTSFHSVIEAHEQLNVKHEPLQLIQPQFETPLPTLQPAVFPPSFRELPPPP LELFDLDETFSSEKARLAQITNKCTEEDLEFYVRKCGDILGVTSKLPKDQQDAKHILEHVFFQVVEFKKL NQEHDIDTSETAFQNNF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	49.5 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.

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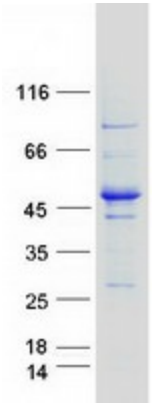
RefSeq:	NP_057088
Locus ID:	51098
UniProt ID:	Q9Y366
RefSeq Size:	1675
Cytogenetics:	20q13.12
RefSeq ORF:	1311
Synonyms:	C20orf9; CGI-53; NGD2; NGD5
Summary:	This gene encodes a conserved proline-rich protein that is a component of the intraflagellar transport-B (IFT-B) core complex. The encoded protein is essential for the integrity of the IFT-B core complex, and for biosynthesis and maintenance of cilia. Mutations in this gene are associated with ciliopathy that affects the skeleton. [provided by RefSeq, Oct 2016]

Product images:



Coomassie blue staining of purified IFT52 protein (Cat# [TP308044]). The protein was produced from HEK293T cells transfected with IFT52 cDNA clone (Cat# [RC208044]) using MegaTran 2.0 (Cat# [TT210002]).