

Product datasheet for TP329306

KBTBD8 (NM_032505) Human Recombinant Protein

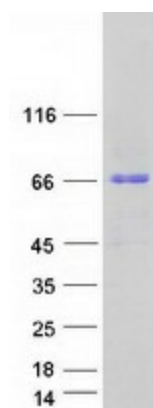
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kelch repeat and BTB (POZ) domain containing 8 (KBTBD8), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC229306 representing NM_032505 Red =Cloning site Green =Tags(s) MAASADLSKSSPTPNGIPSSDPASDAMPFHACSILKQLKTMDEGQLTDIWEVDHGKTFSCHRNVLAA ISPYFRSMFTSGLTESTQKEVRIVGVEAESMDLVNLNYAYTSRVILTEANVQALFTAASIFQIPSIQDQCA KYMISHLDPQNSIGVFIFADHYGHQELGDRSKEYIRKKFLCVTKEQEFLLQTKDQLSILSDDDLNVNRE EHVYESIIRWFEHEQNEREVHLPEIFAKCIRFPLMEDTFIEKIPPQFAQAIKSCVEKGPSNTNGCTQRL GMTASEMIICFDAAHKHSGKKQTVPCLDIVTGRVFKLCKPPNDLREVGILVSPDNDIYAGGYRPSSEV SIDHKAENDFWMYDHSTNRWLSKPSLLRIRIGCKLVYCCGKMYAIGGRVYEGDGRNSLSKSECYDSRENC WTTVCAMPVAMEFHNAVEYKEKIYVLQGEFFLFYEPQKDYWGFLTPMTVPRIQGLAAVYKDSIYYIAGTC GNHQRMTVEAYDIELNKNWTRKKDFPCDQSINPYLKLVLQFNKLHLFVRATQVTVEEHVFRTSRKNSLYQ YDDIADQWMKVYETPDRLWDLGRHFECVAKLYPQCLQKVL TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	68.6 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:	NULL or Add: Recombinant proteins 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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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:	<u>NP_115894</u>
Locus ID:	84541
UniProt ID:	<u>Q8NFY9</u>
Cytogenetics:	3p14.1
RefSeq ORF:	1803
Synonyms:	TA-KRP; TAKRP
Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of neural crest specification (PubMed:26399832). The BCR(KBTBD8) complex acts by mediating monoubiquitination of NOLC1 and TCOF1: monoubiquitination promotes the formation of a NOLC1-TCOF1 complex that acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification (PubMed:26399832).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified KBTBD8 protein (Cat# TP329306). The protein was produced from HEK293T cells transfected with KBTBD8 cDNA clone (Cat# [RC229306]) using MegaTran 2.0 (Cat# [TT210002]).