

Product datasheet for TP762471

ATAD3B (NM_031921) Human Recombinant Protein

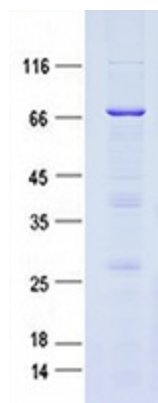
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ATPase family, AAA domain containing 3B (ATAD3B), nuclear gene encoding mitochondrial protein, full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of ATAD3B
Tag:	N-His
Predicted MW:	72.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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 after receiving vials.
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_114127
Locus ID:	83858
UniProt ID:	Q5T9A4
RefSeq Size:	2466
Cytogenetics:	1p36.33
RefSeq ORF:	1944
Synonyms:	AAA-TOB3; TOB3


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Summary:

The protein encoded by this gene is localized to the mitochondrial inner membrane, where it can bind to a highly-related protein, ATAD3A. ATAD3A appears to interact with matrix nucleoid complexes, and the encoded protein negatively regulates that interaction. This gene is expressed almost exclusively in pluripotent embryonic stem cells and some cancer cells. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:


Purified recombinant protein ATAD3B was analyzed by SDS-PAGE gel and Coomassie Blue Staining.