

Product datasheet for TP328099M

THAP4 (NM_001164356) Human Recombinant Protein

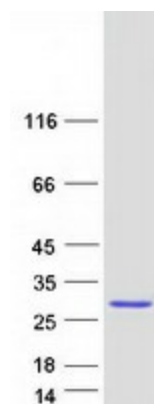
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human THAP domain containing 4 (THAP4), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228099 representing NM_001164356 <div> <div>Red</div>=Cloning site <div>Green</div>=Tags(s) </div> MEPPKMNPVVEPLSWMLGTWLS DPPGAGTYPTLQPFQYLEEVHISHVGQPMLNFSFNSFHPDTRKPMH RE CGFIRLKPDTNKVAFVSAQNTGVVEVEEGEVNGQELCIASHSIARISFAKEPHVEQITRKFRNLNSEGKLE QTVSMATTTQPMTQHLHVITYKKVTP <div> <div>TR</div> <div>TRPLEQKLISEEDLAANDILDYKDDDDKV</div> </div>
Tag:	C-Myc/DDK
Predicted MW:	18.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	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.
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_001157828</u>
Locus ID:	51078


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UniProt ID:	<u>Q8WY91</u>
Cytogenetics:	2q37.3
RefSeq ORF:	495
Synonyms:	CGI-36; Nb(III); PP238
Summary:	In vitro catalyzes the heme-based conversion of peroxynitrite into nitrate/NO ₃ ⁻ . May be involved in the detoxification of peroxynitrite which is responsible for the nitration of L-free tyrosine (PubMed:30524950). Also selectively binds nitric oxide/NO in vitro (PubMed:30524950).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified THAP4 protein (Cat# [TP328099]). The protein was produced from HEK293T cells transfected with THAP4 cDNA clone (Cat# [RC228099]) using MegaTran 2.0 (Cat# [TT210002]).