

Product datasheet for **TP306839M**

OGFOD1 (NM_018233) Human Recombinant Protein

Product data:

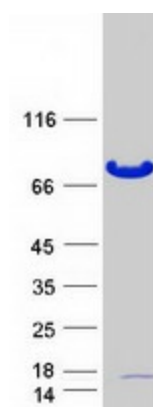
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 2-oxoglutarate and iron-dependent oxygenase domain containing 1 (OGFOD1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206839 protein sequence Red =Cloning site Green =Tags(s)
	MNGKRPAEPGPARVGKKKGKKEVMAEFSDAVTEETLKKQVAEAWSRRTPFSEHVIVMDMDPFLHCVIPNFI QSQDFLEGLQKELMNLDFFEKYNDLYKFQQSDDLKKRREPHISTLRKILFEDFRSWLSIDISKIDLESTID MSCAKYEFTDALLCHDDELEGRRIAFILYLVPPWDRSMGGTLDLYSIDEHFQPKQIVKSLIPSWNKL VFF EVSPVSFHVQSEVLSEEKSRSLISGWFGPSLTRPPNYFEPPIPRSPHIPQDHEILYDWINPTYLDMDYQ VQIQEEFEESSEILLKEFLKPEKFTKVCEALEHGHVWSSRGPPNKRFEKAEESKLPEILKECMKLFERS EALFLLLSNFTGLKLHFLAPSEEDMNDKKEAETTDITEEGTSHSPPEPENNQMAISNNSQQSNEQTDPE PEENETKKESSVPMCQGELRHWKTGHYTLIHDHСКАEAFALDLILYCGCEGWEPEYGGFTSYIAKGEDEEL LTVNPESNSLALVYRDRET LKFVKHINHRSLQKKT FPNRTGFWDFSFIYE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	63.1 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.



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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:	NP_060703
Locus ID:	55239
UniProt ID:	Q8N543
RefSeq Size:	3020
Cytogenetics:	16q13
RefSeq ORF:	1626
Synonyms:	TPA1
Summary:	Prolyl 3-hydroxylase that catalyzes 3-hydroxylation of 'Pro-62' of small ribosomal subunit uS12 (RPS23), thereby regulating protein translation termination efficiency. Involved in stress granule formation.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified OGFOD1 protein (Cat# [TP306839]). The protein was produced from HEK293T cells transfected with OGFOD1 cDNA clone (Cat# [RC206839]) using MegaTran 2.0 (Cat# [TT210002]).