

Product datasheet for PH306839

OGFOD1 (NM_018233) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OGFOD1 MS Standard C13 and N15-labeled recombinant protein (NP_060703)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206839
Predicted MW:	63.2 kDa
Protein Sequence:	>RC206839 protein sequence Red =Cloning site Green =Tags(s)

MNGKRPAEPGPARGVGGKKGKEVMAEFSDAVTEETLKKQVAEAWSRRTPFSEHVIIVMDMPFLHCVIPNFI
 QSQDFLEGLQKELMNLDFHEKYNDLYKFQQSDDLKKRREPHISTLRKILFEDFRSWLSDISKIDLESTID
 MSCAKYEFTDALLCHDDELEGRRIAFILYLVPWDRSMGGTLDLYSIDEHFQPKQIVKSLIPSWNKL VFF
 EVSPVSFHQVSEVLSEEKRLSISGWFGPSL TRPPNYFEPPIPRSPHIPQDHEILYDWINPTYLDMDYQ
 VQIQEEFEESSEILLKEFLKPEKFTKVCEALEHGHVWSSRGPPNKRFEKAEESKLPEILKECMKLFRS
 EALFLLLSNFTGLKLHFLAPSEEDMNDKKEAETTDITEEGTSHSPPEPENNQMAISNNSQQSNEQTDPE
 PEENETKKESSVPMQGELRHWTGHYTLIHDHSAEFALDLILYCGCEGWEPEYGGFTSYIAKGEDEEL
 LTVNPESNSLALVYRDRETLKFVKHINHRSLQKKTFPNRTGFWDFSFIYYE

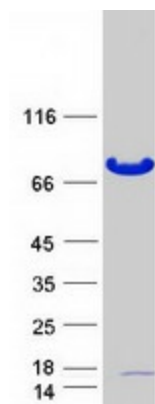
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_060703</u>
RefSeq Size:	3020
RefSeq ORF:	1626


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Synonyms:	TPA1
Locus ID:	55239
UniProt ID:	<u>Q8N543</u>
Cytogenetics:	16q13
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]).