

Product datasheet for PH310657

GFOD2 (NM_030819) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GFOD2 MS Standard C13 and N15-labeled recombinant protein (NP_110446)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210657
Predicted MW:	42.3 kDa
Protein Sequence:	>RC210657 protein sequence Red =Cloning site Green =Tags(s)

MKMLPGVGFGTGSSARVLVPLLRAEGFTVEALWGKTEEEAKQLAEEMNIAFYTSRTDDILLHQDVLVC
 ISIPPLTRQISVKALGIGKNVCEKAATSVDAFRMVTASRYYPQLMSLVGNVLRFLPAFVRMKQLISEH
 YVGAVMICDARIYSGSLLSPSYGWICDELMGGGLHTMGTYIVDLLTHLTGRRAEKVHGLLKTFFVRQNA
 IRGIRHVTSDDFCFQMLMGGGVCSTVTNFMMPGAFVHEVMVGSAGRLVARGADLYGQKNSATQEELL
 LRDSLAVGAGLPEQGPQDVPLL YLKGVMYVQALRQSFQGGDRRTWDRTPVSMAASFEDGLYMQSVVDA
 IKRSSRSGEWEAVEVL TEEPDTNQNLCEALQRNNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

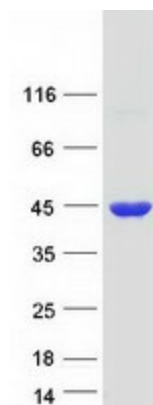
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_110446</u>
RefSeq Size:	2099
RefSeq ORF:	1155
Locus ID:	81577
UniProt ID:	<u>Q3B7J2</u>


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Cytogenetics: 16q22.1

Summary: Promotes matrix assembly.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified GFOD2 protein (Cat# [TP310657]). The protein was produced from HEK293T cells transfected with GFOD2 cDNA clone (Cat# [RC210657]) using MegaTran 2.0 (Cat# [TT210002]).