

Product datasheet for PH301351

EIF2B2 (NM_014239) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EIF2B2 MS Standard C13 and N15-labeled recombinant protein (NP_055054)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201351
Predicted MW:	39 kDa
Protein Sequence:	>RC201351 protein sequence Red=Cloning site Green=Tags(s)

MPGSAAKGSEL SERIESFVETLKRGGGPRSEEMARETLGLLRQIITDHRWSNAGELMELIRREGRRMTA
AQPSETTVGNMVRRLKIIREEYGR LHGR TDES DQQESLHKLLTSGGLNEDFSFHYAQLQSNIEAINEL
LVELEGT MENIAAQA LEHIHSNEVIMTIGFSRTVE AFLKEAARKRKFHVIVAECAPFCQGHEMAVNLSKA
GIETTVMTDA AIFAVMSRVNKVIIGTKTILANGALRAVTGHTLALAAKHHSTPLIVCAPMFKLSPQFPN
EEDSFHKFVAPEEVL PFTEGDILEKVSVHCPVFDYVPELITL F ISNIGGNAPSYIYRLMSEL YHPDDHV
L

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_055054</u>
RefSeq Size:	1557
RefSeq ORF:	1053
Synonyms:	EIF-2Bbeta; EIF2B
Locus ID:	8892



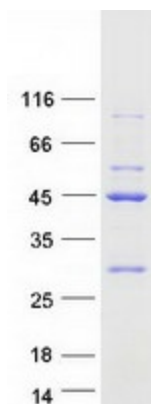
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UniProt ID: [P49770, Q53XC2](#)

Cytogenetics: 14q24.3

Summary: This gene encodes the beta subunit of eukaryotic initiation factor-2B (EIF2B). EIF2B is involved in protein synthesis and exchanges GDP and GTP for its activation and deactivation.
[provided by RefSeq, Aug 2011]

Product images:



Coomassie blue staining of purified EIF2B2 protein (Cat# [TP301351]). The protein was produced from HEK293T cells transfected with EIF2B2 cDNA clone (Cat# [RC201351]) using MegaTran 2.0 (Cat# [TT210002]).