

Recombinant Human EIF2B2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF2B2-2045H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF2B2 MS Standard C13 and N15-labeled recombinant protein (NP_055054) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	39 kDa
AA Sequence	MPGSAAKGSELSESFVETLKRGGGPRSSSEEMARETLGLLRQIITDHRWSNAGEL MELIRREGRRMTAAQPSETTVGNMVRRLVKIIREEYGRLHGRTDESDQQESLHKLLT SGGLNEDFSFHYAQLQSNIEAINELLVELEGTMENIAAQALEHIHSNEVIMTIGFSRTV EAFLKEAARKRKRFHVIVAECAPFCQGHEMAVNLSKAGIETTVMTDAAIFAVMSRVNK VIIGTKTILANGALRAVTGTHTLALAAKHHSTPLIVCAPMFKLSPQFPNEEDSFHKFVA PEEVLPFTEGDILEKVSVHCPVFDYVPPELITLFI SNIGGNAPSYIYRLMSELYHPDDH VLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EIF2B2 eukaryotic translation initiation factor 2B subunit beta [Homo sapiens (human)]

Official Symbol EIF2B2

Synonyms EIF2B2; eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa; eukaryotic translation initiation factor 2B, subunit 2 (beta, 39kD); translation initiation factor eIF-2B subunit beta; EIF 2Bbeta; EIF2B; S20I15; S20III15; eIF-2B GDP-GTP exchange factor subunit beta; EIF-2Bbeta;

Gene ID 8892

mRNA Refseq NM_014239

Protein Refseq NP_055054

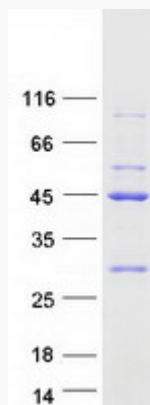
MIM 606454

UniProt ID P49770

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SDS-PAGE

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