

Recombinant Human EPB41L1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPB41L1-2061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPB41L1 MS Standard C13 and N15-labeled recombinant protein (NP_818932) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Erythrocyte membrane protein band 4.1 (EPB41) is a multifunctional protein that mediates interactions between the erythrocyte cytoskeleton and the overlying plasma membrane. The encoded protein binds and stabilizes D2 and D3 dopamine receptors at the neuronal plasma membrane. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	87.6 kDa
AA Sequence	MEEKDYSEADGLSERTTPSKAQKSPQKIAKKYKSAICRVTLDDASEYECEVEKHGRG QVLFDLVCEHLNLEKDYFGLTFCDADSQKNWLDPSKEIKKQIRSSPWNFAFTVKFY PPDPAQLTEDITRYYLCLQLRADIITGRLPCSFVTHALLGSYAVQAELGDYDAEEHVG NYVSELRFAPNQTRELEERIMELHKTYRGMTPGAEIHFLNKKLSMYGVDLHHAK DSEGIDIMLGVCANGLLIYRDLRLINRFAWPKILKISYKRSNFYIKIRPGEYEQFESTIG FKLPNHRSAKRLWKVCIEHHTFFRLVSPEPPPKGFLVMGSKFRYSGRTQAQTRQAS ALIDRPAPFFERSSSKRYTMSRSLDGAEFSPASVSENHDAGPDGDKRDEDESG GQRSEAEEGEVRTPTKIKELKFLDKPEDVLLKHQASINELKRTLKEPNSKLIHRDRDW

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ERERRLPSSPASPSPKGTPEKANERAGLREGSEEKVKPPRPRAPESDTGDEDQDQ
 ERDTVFLKDNHLAIERKCSSITVSSTSSLEAEVDFTVIGDYHGSAFEDFSRSLPELDR
 DKSDSDTEGLLFSRDLNKGAPSQDDESGGIEDSPDRGACSTPDMPQFEPVKTETM
 TVSSLAIRKKIEPEAVLQTRVSAMDNTQENSLKSGKGAAMIPGPQTVATEIRSLSPII
 GKDLVTSTYGATAETLSTSTTHVTKTVKGGFSETRIEKRIITGDEDVDQDQALALAI
 KEAKLQHPDMLVTKAVVYRETDPSPEERDKKPQESTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

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 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 EPB41L1 erythrocyte membrane protein band 4.1-like 1 [Homo sapiens (human)]

Official Symbol EPB41L1

Synonyms EPB41L1; erythrocyte membrane protein band 4.1-like 1; band 4.1-like protein 1; KIAA0338; neuronal protein 4.1; neuron-type nonerythroid protein 4.1; 4.1N; MRD11; MGC11072; DKFZp686H17242;

Gene ID 2036

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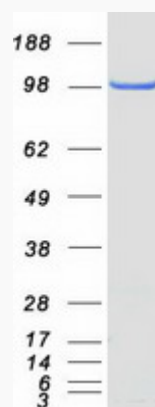
mRNA Refseq [NM_177996](#)

Protein Refseq [NP_818932](#)

MIM [602879](#)

UniProt ID [Q9H4G0](#)

SDS-PAGE



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