

Recombinant Human EPB41L1 Protein, GST-tagged

Cat. No. EPB41L1-3353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPB41L1 full-length ORF (NP_818932.1, 1 a.a. - 779 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jan 2015]
Molecular Mass	114 kDa
AA Sequence	MEEKDYSEADGLSERTTPSKAQKSPQKIAKKYKSAICRVTLTDASEYECEVEKHGRG QVLFDLVCEHLNLEKDYFGLTFCDADSQKNWLDPSKEIKKQIRSSPWNFAFTVKFY PPDPAQLTEDITRYYLCLQLRADIITGRLPCSFVTHALLGSYAVQAE LGDYDAEEHVG NYVSELRFAPNQ TRELEERIMELHKTYRGMTPGA EIHFL ENAKKLSMYGVDLHHA K DSEGIDIMLGVCANGLLIYRDRLRINRFAWPKILKISYKRSNFYIKIRPGEYEQFESTIG FKLPNHRSAKRLWKVCIEHHTFFRLVSPEPPPKGFLVMGSKFRYSGRTQAQTRQAS ALIDRPAPFFERSSSKRYTMSRSLDGA EFSRPASVSENHDAGPDGDKRDEDEGESG GQRSEAE EGEV RPTPKIKELKFLDKPEDVLLKHQASINELKRTLKEPNSKLIHRDRDW ERERRLPSSPASPSPKGTPEKANERAGLREGSEEKVKPPRPRAPESDTGDEDQDQ

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ERDTVFLKDNHLAIERKCSSITVSSTSSLEAEVDFTVIGDYHGSAFEDFSRSLPELDR
DKSDSDTEGLLF SRDLNKGAPSQDDESGGIEDSPDRGACSTPDMPQFEPVKTETM
TVSSLAIRKKIEPEAVLQTRVSAMDNTQENSLKSGKGAAAMIPGPQTVATEIRSLSPII
GKDVLTSTYGATAETLSTSTTTHVTKTVKGGFSETRIEKRIITGDEDVDQDQALALAI
KEAKLQHPDMLVTKAVVYRETDPSPEERDKKPQES

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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](#)

mRNA Refseq

[NM_001258329](#)

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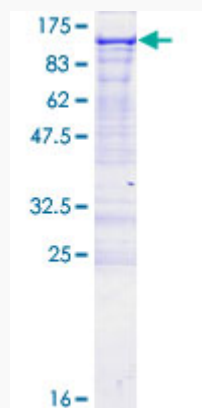
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Protein Refseq NP_001245258

MIM 602879

UniProt ID Q9H4G0

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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