

Product datasheet for **TP302596M**

EPB41L1 (NM_177996) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202596 protein sequence Red=Cloning site Green=Tags(s)

MEEKDYSEADGLSERTTPSKAQKSPQKI AKKYKSAICRVTL LDASEYECEVEKHGRGQVLF DLVCEHLNL
LEKDYFGLTFC DADSQKNWLDPSKEIKKQIRSSPWNFAFTVKFYPPDPAQLTEDITRYYLCLQLRADIIT
GRLPCSFVTHALLGSYAVQAE LGDYDAEEHVGNYVSELRFAPNQ TRELEERIMELHKTYRGMTPGEAEIH
FLENAKKLSMYGVDLHHAKDSE GIDIMLGVCANGLLIYRDLRINRFAWPKILKISYKRSNFYIKIRPGE
YEQFESTIGFKLPNHRSAKRLWKVCIEHHTFFRLVSPPEPPKGFVLMGSKFRYSGR TQAQTRQASALIDR
PAPFFERSSSKRYTMSRSLDGA EFSRPASVSENHDAGPDGDKRDE DGESGGQRSEAE EGEVRTPTKIKEL
KFLDKPEDVLLKHQASINELKRTLKEPNSKLIHRDRDWERERRLPSSPASPSPKGTPEKANERAGLREGS
EEKVKPPRPRAPESDTGDE DQDQERDTVFLKDNHLAIERKCSSITVSSTSLEAEVDFTVIGDYHGSAFE
DFSRLPELDRDKSDSDTEGL LFSRDLNKGAPSQDDESGGIEDSPDRGACSTPDM PQFEPVKTETMTVSS
LAIRKKIEPEAVLQTRVSAMD N TQENSLKSGKGAAMIPGPQTVATEIRSLSPIIGKDVLTSTYGATAET
LSTSTTHVTKTVKGGFSETRI EKRIITGDE D VDQDQALALAIKEAKLQHPDMLVTKAWYRETDP SPE
ERDKKPQES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	87.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_818932](#)

Locus ID: 2036

UniProt ID: [Q9H4G0](#), [B7Z653](#)

RefSeq Size: 5967

Cytogenetics: 20q11.23

RefSeq ORF: 2337

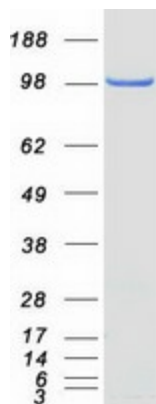
Synonyms: 4.1N; MRD11

Summary: 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]

Protein Families: Druggable Genome

Protein Pathways: Tight junction

Product images:



Coomassie blue staining of purified EPB41L1 protein (Cat# [TP302596]). The protein was produced from HEK293T cells transfected with EPB41L1 cDNA clone (Cat# [RC202596]) using MegaTran 2.0 (Cat# [TT210002]).