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Product datasheet for TP502773

Ebp (NM_007898) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phenylalkylamine Ca2+ antagonist (emopamil) binding protein (Ebp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202773 protein sequence Red=Cloning site Green=Tags(s) MTTNTVPLHPYWPRHLKLDNFVPNDLPTSHILVGLFSISGGLIVITWLLSSRASVVPLGAGRRLALCWFA VCTFIHLVIEGWFSLYNGILLEDQAFLSQLWKEYSKGDSRYILSDSFVVCMETVTACLWGPLSLWVVIAF LRQQPFRFVLQLVVSMGQIYGDVLYFLTELHEGLQHGEIGHPVYFWFYFVFLNAVWLVIPSILVLDAIKH LTSAQSVLDSKVMKIKSKHN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.2 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
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 after receiving vials.
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_031924
Locus ID:	13595
UniProt ID:	P70245
RefSeq Size:	1755

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Cytogenetics:	X 3.7 cM
RefSeq ORF:	693
Synonyms:	AI255399; m; mSI; P; Pabp; SI; Td
Summary:	This gene encodes a transmembrane protein that localizes to the endoplasmic reticulum. This protein catalyses the conversion of delta8 to delta7 sterols, an important step in sterol biosynthesis. Mutations in this gene are responsible for the mouse tattered mutant phenotype. Tattered males are embryonic lethal, while heterozygous females have developmental defects. Deficiency of the related gene in human causes X-linked dominant chondrodysplasia punctata. [provided by RefSeq, May 2015]