

Product datasheet for TP501408

Tspo (NM_009775) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse translocator protein (Tspo), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201408 protein sequence Red =Cloning site Green =Tags(s)
	MPESWVPAVGLTLVPSLGGFMGAYFVRGEGLRWYAGLQKPSWHPPRWTLAPIWGTLYSAMGYGSYIWWKE LGGFTEDAMVPLGLYTGQLALNWAWPPIFFGARQMGWALADLLLVSQVATATTLAWHRVSPPAARLLYPY LAWLAFATVLNYYVWRDMSGRRGGSRLE
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.8 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_033905
Locus ID:	12257
UniProt ID:	P50637
RefSeq Size:	871
Cytogenetics:	15 39.4 cM



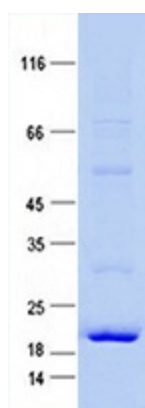
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RefSeq ORF: 510

Synonyms: Bzrp; IBP; PBR; Tspo1

Summary: Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme (By similarity). Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides. Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism (PubMed:9832438, PubMed:24814875), but its precise physiological role is controversial. According to some reports, it is not required for steroid hormone biosynthesis (PubMed:24174323, PubMed:24936060).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified Tspo protein (Cat# TP501408). The protein was produced from HEK293T cells transfected with Tspo cDNA clone (Cat# [MR201408]) using MegaTran 2.0 (Cat# [TT210002]).