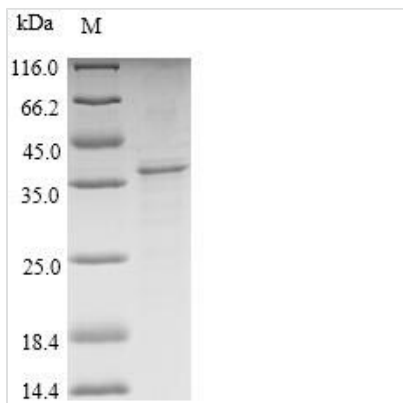




Recombinant Pig Translocator protein (TSPO)

Product Code	CSB-CF764926PI
Relevance	Promotes the transport of cholesterol across mitochondrial membranes and may play a role in lipid metabolism, but its precise physiological role is controversial. It is apparently not required for steroid hormone biosynthesis. Can bind protoporphyrin IX and may play a role in the transport of porphyrins and heme. Was initially identified as peripheral-type benzodiazepine receptor; can also bind isoquinoline carboxamides
Abbreviation	Recombinant Pig TSPO protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6UN27
Product Type	Transmembrane Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MAPPWLPAVGFTLVPSLGGFLSSRNVLGKGLHWYAGLQKPSWHPPHWTLAPI WGTLYSAMGYGSYMIWKELGGFSEEAVVPLGLYAGQLALNWAWPPLFFGAR QMGWALVDLVLTTGGVAAATAVAWYQVSPLAARLLYPYLAWLAFATLNYCVW RDNQGRRGRRPSE
Research Area	Cancer
Source	in vitro E.coli expression system
Target Names	TSPO
Protein Names	Peripheral-type benzodiazepine receptor
Expression Region	1-169aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	38.6 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.