

Recombinant Human TSPO, His-tagged

Cat. No. TSPO-3462H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSPO protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-169aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	TSPO translocator protein (18kDa) [Homo sapiens]
Official Symbol	TSPO
Synonyms	TSPO; translocator protein (18kDa); benzodiazepine receptor (peripheral) , BZRP; translocator protein; DBI; IBP; MBR; mDRC; PBR; peripheral type benzodiazepine receptor/recognition site; pk18; PKBS; mitochondrial benzodiazepine receptor; benzodiazepine peripheral binding site; peripheral-type benzodiazepine receptor;

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	PBS; BPBS; BZRP; PTBR;
Gene ID	706
mRNA Refseq	NM_000714
Protein Refseq	NP_000705
MIM	109610
UniProt ID	B1AH88
Chromosome Location	22q13.3
Pathway	HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	androgen binding; benzodiazepine receptor activity; cholesterol binding; receptor activity;