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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

TSPO (Human) Recombinant Protein (P01)

Catalog Number: H00000706-P01

Regulation Status: For research use only (RUO)

Product Description: Human TSPO full-length ORF (AAH01110.1, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPPWVPAMGFTLAPSLGCFVGSRFVHGEGLRWYA
GLQKPSWHPHWLGPVWGTLYSAMGYGSYLWKE
LGGFTEKAVVPLGLYTQQLALNVAWPPIFFGARQMG
WALVDLLLVSGAAAATTVAWYQVSPLAARLLYPYLAW
LAFATTLNYCVWRDNHGWHGRRRLPE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.33

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 706

Gene Symbol: TSPO

Gene Alias: BZRP, DBI, IBP, MBR, PBR, PKBS, PTBR, mDRC, pk18

Gene Summary: Present mainly in the mitochondrial compartment of peripheral tissues, the protein encoded

by this gene interacts with some benzodiazepines and has different affinities than its endogenous counterpart. The protein is a key factor in the flow of cholesterol into mitochondria to permit the initiation of steroid hormone synthesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

References:

1. Tumor mitochondria-targeted photodynamic therapy with a translocator protein (TSPO)-specific photosensitizer. Zhang S, Yang L, Ling X, Shao P, Wang X, Edwards WB, Bai M. Acta Biomater. 2015 Sep 30.