

Recombinant Mouse Tfpi2 protein(Met1-Lys211), His-tagged

Cat. No. Tfpi2-5184M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TFPI2 (O35536) (Met 1-Lys 211) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys211
Form	Lyophilized from sterile 25mM Tris, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse TFPI2 comprises 200 amino acids and has a calculated molecular mass of 22.8 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 28-32 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Tfp12 tissue factor pathway inhibitor 2 [Mus musculus]

Official Symbol Tfp12

Synonyms TFPI2; tissue factor pathway inhibitor 2; TFPI-2; AV000670; PP5/TFPI-2;

Gene ID 21789

mRNA Refseq NM_009364

Protein Refseq NP_033390

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