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

Cat. No. Tfpi2-7415M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TFPI2 (O35536) (Met1-Lys211) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys211
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse TFPI2 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 430 amino acids and has a predicted molecular mass of 48.4 KDa. The apparent molecular mass of the protein is approximately 53 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 83 % 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	Tfpi2 tissue factor pathway inhibitor 2 [Mus musculus]
Official Symbol	Tfpi2
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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