

Recombinant Mouse TCN2 protein(Met1-Trp430), His-tagged

Cat. No. Tcn2-4074M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TCN2 (O88968) (Met 1-Trp 430) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-430 a.a.
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 secreted recombinant mouse TCN2 comprises 423 amino acids and has a calculated molecular mass of 47 kDa. The apparent molecular mass of the recombinant protein is approximately 42 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.

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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	Tcn2 transcobalamin 2 [<i>Mus musculus</i>]
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Official Symbol	TCN2
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Synonyms	TCN2; transcobalamin 2; transcobalamin-2; TC-2; TCII; TC II; transcobalamin II; Tcn-2; AW208754;
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Gene ID	21452
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mRNA Refseq	NM_001130458
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Protein Refseq	NP_001123930
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