

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TCN2 (O88968) (Met 1-Trp 430) was expressed in HEK293, with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-430 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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 [ *Mus musculus* ]

**Official Symbol** TCN2

**Synonyms** TCN2; transcobalamin 2; transcobalamin-2; TC-2; TCII; TC II; transcobalamin II; Tcn-2; AW208754;

**Gene ID** 21452

**mRNA Refseq** NM\_001130458

**Protein Refseq** NP\_001123930

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