

Recombinant Pig MCT7 Protein, His-tagged

Cat. No. MCT7-382P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig MCT7 Protein (Ile31-Ser275) with N-His tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Ile31-Ser275
Description	Broad expression in ovary (RPKM 30.4), lung (RPKM 19.8) and 5 other tissues.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MCT7 tryptase [<i>Sus scrofa</i> (pig)]
Official Symbol	MCT7
Synonyms	MCT7; tryptase; PMCT7; TPSB1; tryptase; EC 3.4.21.59
Gene ID	397389
mRNA Refseq	NM_214191
Protein Refseq	NP_999356
UniProt ID	Q9N2D1

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