

Recombinant Mouse Slc44a2 Protein, His-tagged

Cat. No. Slc44a2-867M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slc44a2 Protein (Trp55-Trp232) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Trp55-Trp232
Description	Predicted to enable choline transmembrane transporter activity. Predicted to be involved in choline transport and transmembrane transport. Predicted to be located in mitochondrion and plasma membrane. Predicted to be active in membrane. Is expressed in embryo. Orthologous to human SLC44A2 (solute carrier family 44 member 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.8 kDa; Accurate Molecular Mass: 23 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

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Slc44a2 solute carrier family 44, member 2 [*Mus musculus* (house mouse)]

Official Symbol

Slc44a2

Synonyms

Slc44a2; solute carrier family 44, member 2; CTL2; 1110028E10Rik; choline transporter-like protein 2

Gene ID

68682

mRNA Refseq

NM_152808

Protein Refseq

NP_690021

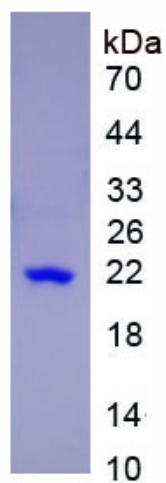
UniProt ID

Q8BY89

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