

Recombinant Full Length Mouse Mitochondrial Glutamate Carrier 2(Slc25A18) Protein, His-Tagged

Cat. No. RFL14087MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Mitochondrial glutamate carrier 2(Slc25a18) Protein (Q9DB41) (1-320aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-320)
Form	Lyophilized powder
AA Sequence	MIACRMSSQDLSISAKLINGGIAGLVGVTCVFPIDLAKTRLQNQQGKDVYRGMTDCL MKT ARAEGFLGMYRGA AVNLT LVTP EKAIKLAANDFLRQLLMQDGTQRNLKMEMLA GCGAGIC QVVITCPMEMLKIQQLDAGRLAVCHQASASATPTSRPYSTGSTSTHRRP SATLIARELLR TQGLSGLYRGLGATLLRDIPFSIIYFPLFANLNQLGVSELTGKASFTH SFVAGCTAGSVA AVAVTPLDVLKTRIQTLKKGLGEDTYSVGVTD CARKLWTQEGPAA FMKGAGCRALVIAPLF GIAQGVYFIGIGERILKCFE
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

Slc25a18

Synonyms

Slc25a18; Gc2; Mitochondrial glutamate carrier 2; GC-2; Glutamate/H(+ symporter 2; Solute carrier family 25 member 18

UniProt ID

[Q9DB41](#)

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