

Recombinant Full Length Pongo Abelii Mitochondrial Glutamate Carrier 1(Slc25A22) Protein, His-Tagged

Cat. No. RFL34149PF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pongo abelii Mitochondrial glutamate carrier 1(SLC25A22) Protein (Q5RD81) (1-323aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pongo Abelii
Source	E.coli
ProteinLength	Full Length (1-323)
Form	Lyophilized powder
AA Sequence	MADKQISLPAKLINGGIAGLIGVTCVFPIDLAKTRLQNQQNGQRMYSMSDCLIKTIRS E GYFGMYRGA AVNLT LVTPEKAIKLAANDFFRHQLSKDGQKLTLLKEMLAGCGAGT CQVIV TTPMEMLKIQLQDAGRIAAQRKILAAQGQLSAQGAQPSVEAPAAPRPTAIQ LTRDLLRS RGIAGLYKGLGATLLRDVPLSVVYFPLFANLNQLGRPASEEKSPFYVSF LAGCVAGSAAA VAVNPCDVVKTRLQSLQRGVNEDTYSGILDCARKILRHEGPSAFL KGAYCRALVIAPLFG IAQVVYFLGIAESLLGLLQDPQA
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

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 SLC25A22

Synonyms SLC25A22; Mitochondrial glutamate carrier 1; GC-1; Glutamate/H(+ symporter 1; Solute carrier family 25 member 22

UniProt ID [Q5RD81](#)

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