

Recombinant Full Length Rat Atp-Binding Cassette Sub-Family B Member 8, Mitochondrial(Abc8) Protein, His-Tagged

Cat. No. RFL13678RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat ATP-binding cassette sub-family B member 8, mitochondrial(Abc8) Protein (Q5RKI8) (39-714aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length of Mature Protein (39-714)

Form Lyophilized powder

AA Sequence

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SSCLLRVAQLRSQRLRAHLPRSPASHRSTSAWCWVGGTLVVPVAVLWQHPRFCLIA
LCEA KGSPAQPTRARELRFKWKLFWHFLPHLLALGLAIVLALGAALVNVQIPLLL
GQLVEIV AKYTREHVGSFVSESRRLSIQLLLLLYGVQGLLTFGYLVLLSHMGERMAMD
MRKALFSSLL RQDIAFFDAKKTGQLVSRLLTDDVQEFKSSFKLVISQGLRSSTQVIGSL
MTLSILSPRLTL MLAVVTPALMGVGTLMGSLRKLRSQCQEIQARATGVADALGS
VRTVRAFAMEKREEER YQAELESCCKAEELGRGIALFQGLSNIAFNCMVLGTLFIG
GSLVAGQQLKGGDLMSFLV ASQTVQRSMASLSVLFQGVVVRGLSAGARVFEYMSLS
PVIPLTGGYSIPSKDLRGSITFQN VSFSYPCRPGFNVLKNFTLKLPPGKIVALVGQSG
GGKTTVASLLERFYDPTAGVVTLTDGH DLRTLDPVSWLRGQVIGFISQEPVLFATTIME
NIRFGKLDASDEEVYTAARKANAHEFISS FPDGYSTVVGERTTSLGGQKQRLAIAR
ALIKRPTVLILDEATSALDAESERIVQEALDR ASAGRTLVLIAHRLSTVRAAHSIIVMAN
    
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GQVCEAGTHEELLQKGGLYAELIRRQALDASL PSAPPAEKPEDHRSCQ

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 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 Abcb8

Synonyms Abcb8; Mitosur; Mitochondrial potassium channel ATP-binding subunit; ATP-binding cassette sub-family B member 8, mitochondrial; ABCB8; Mitochondrial sulfonylurea-receptor; MITOSUR

UniProt ID [Q5RKI8](#)

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