

Recombinant Full Length Rat Atp-Binding Cassette Sub-Family G Member 8(Abcg8) Protein, His-Tagged

Cat. No. RFL-18480RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat ATP-binding cassette sub-family G member 8(Abcg8) Protein (P58428) (1-694aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-694)
Form	Lyophilized powder
AA Sequence	MAEKTKEETQLWNGTVLQDASSLQDSVFSSSESDNSLYFTYSGQSNLTLEVRDLTYQG GTCL RSWGQEDPHMSLGLSESVDMA SQVPWFELAQFKLPWRSRGSQDSWDLG IRNLSFKVRSG QMLAIIGSAGCGRATLLDVITGRDHGGKMKSGQIWINGQPSTPQLI QKCVAHVRQQDQLL PNLTVRETLT FIAQMRLPKTFSQAQRDKRVEDVIAELRLRQC ANTRVGNTYVRGVSGGER RRVSIGVQLLWNP GILILDEPTSGLDSFTAHLNVRTLSR LAKGNRLVLISLHQPRSDIFR LFDLVLLMTSGTPIYLGVAQH MVQYFTSIGYPCPRYS NPADFYVDLT SIDRRSKEQEVAT MEKARLLAALFLEKVQGFD DFLWKAEAKSLDTG TYAVSQTLTQDTNCGTAAELPGMIQQF TTLIRRQISNDFRDLPTLFHGA EACLMSLII GFLYYGHADKPLSFMDMAALLFMIGALI PFNVILDV VSKCHSERSLLY YELEDGLYTA GPYFFAKVLGELPEHCAYV IYGMPIYWLT NLRPGPEL FLLHFMLLWL VVFC CRTMA LAASAMLPTFHMSSFCCNALYNSFYLTAGFMIN LNNLWIVPAWISKMSFLRWCFSG LMQIQFN GHIYTTQIGNLTFSVPGDAMVTAMD LNSHP LYAIYLIVIGISCGFLSLYYLSL

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	KFIKQKSIQDW
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	Abcg8
Synonyms	Abcg8; ATP-binding cassette sub-family G member 8; Sterolin-2
UniProt ID	P58428

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