

Recombinant Full Length Human Atp-Binding Cassette Sub-Family G Member 4(Abcg4) Protein, His-Tagged

Cat. No. RFL9437HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ATP-binding cassette sub-family G member 4(ABCG4) Protein (Q9H172) (1-646aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-646)
Form	Lyophilized powder
AA Sequence	MAEKALEAVGCGLGPGAVAMAVTLEDGAEPVLTTHLKKVENHITEAQRFSHLPKR SAVD IEFVELSYSVREGPCWRKRGYKTLKCLSGKFCRRELIGIMGPSGAGKSTFM NILAGYRE SGMKGQILVNGRPRELRTFRKMSCYIMQDDMLLPHLTVLEAMMVSA NKLSEKQEVKKEL VTEILTALGLMSCSHTRTALLSGGQRKRLAIALELVNPPVMFFD EPTSGLDASCFQVV SLMKSLAQGGRTIICTIHQPSAKLFEMFDKLYILSQGCIFKG VVTNLIPYLKGLGLHCP TYHNPADFIIEVASGEYGDLPMLFRAVQNGLCAMAEKKS SPEKNEVPAPCPPCPPEVDP IESHTFATSTLTQFCILFKRTFLSILRDTVLTHLRFMS HVVIGVLIGLLYLHIGDDASKV FNNTGCLFFSMLFLMFAALMPTVLTFPLEMAVFMRE HLNYWYSLKAYYLAKTMADVFPFQV VCPVYCSIVYWMTGQPAETSRLLFSALATA TALVAQSLGLLIGAASNLSQVATFVGVPV TAIPVLLFSGFFVSFKTIPTYLQWSSYLSYV RYGFEGVILTIYGMERGDLTCLERCPR EPQSILRALDVEDAKLYMDFLVLGIFFLA

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	LRLLAYLVLRVVKSER
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	ABCG4
Synonyms	ABCG4; WHITE2; ATP-binding cassette sub-family G member 4
UniProt ID	Q9H172