

Recombinant Human ABCG2 protein, His-Myc-tagged

Cat. No. ABCG2-045H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCG2 protein(Q9UNQ0)(557-630aa), fused with C-terminal 6xHis tag and Myc tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	557-630aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	12.1 kDa
AA Sequence	NLTTIASWLSWLQYFSIPRYGFTALQHNEFLGQNFPCPLNATGNNPCNYATCTGEE YLVKQGIDLSPWGLWKNH
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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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 [ABCG2 ATP-binding cassette, sub-family G \(WHITE\), member 2 \[Homo sapiens \]](#)

Official Symbol [ABCG2](#)

Synonyms

ABCG2; ATP-binding cassette, sub-family G (WHITE), member 2; ATP-binding cassette sub-family G member 2; ABCP; BCRP; CD338; EST157481; MXR; ABC transporter; placenta specific MDR protein; breast cancer resistance protein; ATP-binding cassette transporter G2; mitoxantrone resistance-associated protein; placenta-specific ATP-binding cassette transporter; multi drug resistance efflux transport ATP-binding cassette sub-family G (WHITE) member 2; MRX; BMDP; MXR1; ABC15; BCRP1; GOUT1; CDw338; UAQTL1; MGC102821;

Gene ID [9429](#)

mRNA Refseq [NM_001257386](#)

Protein Refseq [NP_001244315](#)

MIM [603756](#)

UniProt ID [Q9UNQ0](#)

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