

Recombinant Human ABCB8 Transmembrane protein, His-SUMO-tagged

Cat. No. ABCB8-2464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABCB8 protein(Q9NUT2)(38-693aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-693aa
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	87.0kDa
AA Sequence	GKTGQLHKAEGEYSDGYRSSSLLRAVAHLRSQWLWAHLPRAPLAPRWSPSAWCWV GGALLGPMVL SKHPHLCLVALCEAEEAPPASSTPHVVGSRFNWKLFWQFLPHLLV LGVAVVLALGAALVNVQIPLLLGQLVEVVAKYTRDHVGSFMTESQNLSTHLLILYGVQ GLLTFGYLVLLSHVGERMAVDMRRALFSSLLRQDITFFDANKTGQLVSRLTTDVQEF KSSFKLVISQGLRSCTQVAGCLVSL SMLSTRLTLLLMVATPALMGVGTLMGSGLRKL SRQCQEQIARAMGVADEALGNVRTVRAFAMEQREEERYGAELEACRCRAEELGRG IALFQGLSNIAFN CMVLGTLFIGGSLVAGQQLTGGDLMSFLVASQTVQRSMANLSVL FGQVVRGLSAGARVFEYMA LNPCIPLSGGCCVPKEQLRGSVTFQNVCF SYPCRPG

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FEVLKDFTLTLP PGKIVALVGQSGGGKTTVASLLERFYDPTAGVVMLDGRDLRTLDP
 SWLRGQVVGFISQEPVLFGTTIMENIRFGKLEASDEEVYTAAREANAHEFITSFPEGY
 NTVVGERGTTLSGGQKQRLAIARALIKQPTVLILDEATSALDAESERVVQEALDRASA
 GRTVLVIAHRLSTVRGAHCIVVMADGRVWEAGTH

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name ABCB8 ATP-binding cassette, sub-family B (MDR/TAP), member 8 [Homo sapiens]

Official Symbol ABCB8

Synonyms ABCB8; ATP-binding cassette, sub-family B (MDR/TAP), member 8; ATP-binding cassette sub-family B member 8, mitochondrial; EST328128; M ABC1; MABC1; mitochondrial ABC protein; mitochondrial ATP-binding cassette 1; M-ABC1;

Gene ID 11194

mRNA Refseq NM_007188

Protein Refseq NP_009119

MIM 605464

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UniProt ID

Q9NUT2

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