



Recombinant Human ABCC1 Protein Product Manual

1. Product Basic Information

Product No.: REP06005

Protein Name: Ltc4 Transporter (ABCC1)

Aliases: MRP; ABCC; GS-MRP1; ABC29; DFNA77; LTC4 transporter; leukotriene C(4) transporter; glutathione S-conjugate export pump

UniProt ID: P33527

UniProt Link: <https://www.uniprot.org/uniprotkb/P33527/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1248-1531aa)

Molecular Weight: 35.9 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1248-1531aa)

VRMSSEMETNIVAVERLKEYSETEKEAPWQIQETAPPSSWPQVGRVEFRNYCLRY
REDLDFVLRHINVTINGGEKVGIVGRTGAGKSSLTLGLFRINESAEGEIIIDGINIAKIGL
HDLRFKITIIPQDPVLFSGSLRMNLDPFSSQYSDEEVWTSLELAHLKDFVSALPDKLDH
ECAEGGENLSVGQRQLVCLARALLRKTILVLDEATAAVDLETDDLQSTIRTQFEDC
TVLTIAHRLNTIMDYTRVIVLDKGEIQEYGAPSDLLQQRGLFY SMA kDaGLV

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human ABCC1 partial protein (1248-1531aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. ABCC1, also known as MRP or ABCC or GS-MRP1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.