

Recombinant Human MRGPRX2 Protein Product Manual

1. Product Basic Information

Product No.: REP07498

Protein Name: Mas-Related Gpr, Member X2 (MRGPRX2)

Aliases: MGRG3; MRGX2; MAS-related GPR, member X2; G protein-coupled receptor MRGX2; MAS related GPR family member X2; Mas-related G protein-coupled receptor G3; mas-related G-protein coupled receptor member X...

UniProt ID: Q96LB1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q96LB1/entry>

Species Source: Homo sapiens (Human)

Expression System: in vitro E.coli expression system

Protein Length: Full Length (1-330aa)

Molecular Weight: 43.1 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-330aa)

MDPTTPAWGTESTTVNGNDQALLLLCGKETLIPVFLILFIALVGLVGNGFVLWLLGFR
MRRNAFSVYVLSLAGADFLFLCFQIINCLVYLSNFFCSISINFPSFFTTVMTCAYLAGL
SMLSTVSTERCLSVLWPIWYRCRRPRHLSAVVCVLLWALSLLLLSILEGKFCGFLFSD
GDSGWCQTFDFITAAWLIFLFMVLCGSSLALLVRILCGSRGLPLTRLYLTILLTVLVFL
LCGLPFGIQWFLILWIWKSDVLFCHIHPVSVLSSLNSSANPIIYFFVGSFRKQWRL
QQPILKLALQRALQDIAEVDHSEGCFRQGTPEMSRSSLV

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

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 MRGPRX2 full length protein (1-330aa) expressed in in vitro E.coli expression system. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. MRGPRX2, also known as MGRG3 or MRGX2 or MAS-related GPR, member X2, 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.