

Recombinant Mouse CCRL2 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51155

Size: 10ug, 100ug

Protein Name: C-C chemokine receptor-like 2 (Chemokine receptor CCR11) (G protein-coupled beta chemokine receptor) (Lipopolysaccharide-inducible C-C chemokine receptor) (L-CCR)

Synonym: Ccr12, Ccr11, Lccr

UniProt ID: O35457

UniProt Link: www.uniprot.org/uniprotkb/O35457/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 360 AA

Molecular Weight: 41 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MDNYTVAPDDEYDVLILDDYLDNSGPDQVPAPEFLSPQQVLQFCCAVFAVGLLDNVLAVFILVKYKG
LKNLGNIYFLNLALSNLCLLPFWAHTAAHGESPNGTCKVLVGLHSSGLYSEVFSNILLVQGYR
VFSQGRLASIFTTVSCGIVACILAWAMATASLPESVFYEPRMERQKHKCAFGKPHFLPIEAPLWKYV
LTSKMILVLAFFLLVFIICCRQLRRRQSFRRERQYDLHKPALVITGVFLMWAPYNTVLFLSAFQEHL
SLQDEKSSYHLDASVQVTQLVATTHCCVNPLLYLLLDRAFMRYLRSLFPRCNDIPYQSSGGYQQAPP
REGHGRPIELYSNLHQRQDII

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant C-C chemokine receptor-like 2 (Chemokine receptor CCR11) (G protein-coupled beta chemokine receptor) (Lipopolysaccharide-inducible C-C chemokine receptor) (L-CCR) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Receptor for CCL19 and chemerin/RARRES2. Does not appear to be a signaling receptor, but may have a role in modulating chemokine-triggered immune responses by capturing and internalizing CCL19 or by presenting RARRES2 ligand to CMKLR1, a functional signaling receptor. Plays a critical role for the development of Th2 responses (By similarity).

Subcellular Localization: Cell membrane ; Multi-pass membrane protein .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.