Document Version: V2.0

Recombinant Mouse SKIT4 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52118

Size: 10ug, 100ug

Protein Name: Selection and upkeep of intraepithelial T-cells protein 4 (Skint-4)

Synonym: Skint4

UniProt ID: A7TZF3

UniProt Link: www.uniprot.org/uniprotkb/A7TZF3/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 474 AA

Molecular Weight: 54 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MGATEVLTSYCVVLCLLQMVALSSGHFTVIGSQRPILATLGGNVELNCQLSPPQQAQHMEIRWFRN
RYTQPVHLYRNGKNLHGETMSKYVERTELLTDAFNEGKVILRILNVTVDDGGAYHCVFKDGEFYEEH
ITEVKVTATSSDIQILMHTPNIKGVMLECHSGGWFPQPHMEWRNSKGEVIQATSKFHSQDKNKLFNM
SMVLFIEASSHRNVICYFQNLVTHQEQSINIVLSGELFSWKIVWIMILSTISFVMIDFCMTYCVQQQLIH
EESLSTVDNDQCESDQSEGTCYKRNYPWIIIAVVPIISVFAIIGVMLFLHLEQRVTILEQHFELDTLWLE
DISVILCVVIVSNINLIPLIYFRLHEHVPRFKDRSPILNKAVVFLHFIYFSIVCGTILLVHLQLRNKVSISDSL
FSLYNSWLTDISMILGFLLSIFIVTTIAKSSLFNKKWCIGLCIHMKEAEATGGPCEGEEL

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 ℃ or -80 ℃. 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 Selection and upkeep of intraepithelial T-cells protein 4 (Skint-4) 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: May act by engaging a cell surface molecule on immature T-cells in the embryonic thymus.

Subcellular Localization: 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.