

Recombinant Mouse SKIT5 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52018

Size: 10ug, 100ug

Protein Name: Selection and upkeep of intraepithelial T-cells protein 5 (Skint-5)

Synonym: Skint5

UniProt ID: A7XUY5

UniProt Link: www.uniprot.org/uniprotkb/A7XUY5/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 1461 AA

Molecular Weight: 166 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MGAVGIPLTAHCVVLFLLQMVALSSEQFTVNGLESPVLVPLDGNLELSCQLSPPQQAQHMEIRWFKN
RYSEPVYLYRNGKDLFGEIVYKYVERTELLKDDIGKGKVTLRIFKVTSDSGSYHCFKDGKFYEEHII
DVKVTATSSDIQILMHPNIGVRLECHSGGWFPQPHMEWRDSKGEYIPATSKSHSQDENEFFNMT
MDLFIKSNHWSATCYIQNFVTHQEEISIVLPGVWDSWCPAWIMITLLIVIHMTYYIKLYRTYATKEML
LKSIIQSSSQSSVDTTEKKEWLLKSIQSRIQSSSVDAEKKWLLKFIQSSIIQSSSVDLKKEWLLKSIQS
SIQSAIVDRGTKEWLLKSIQSSILSSIVDQGTKVLLKSIQSSIIQSSVLDIETKELLKSIQSSIIQSSIMDLG
TKELLKIIQSSIIQSSSVDLGTEKELLKIIQSSIIQSSVLDGTEKELLKIIQSSIIQSSSVDLGTEKELLKIIQSS
SIQSSVLDGTEKELLKIIQSSIIQSSSVDLGAKMGLLESILSSIIQSSNVLDLTKVLLKSIQSSIIQSSVYL
GIKQWLLERIESIIQSSSVYLDTEKELLKIIQSSIESYSVDLGNKEFLLKILSSIIQSSSVDLGTEKELLVKFF
QSNIIQSSSVIPGTTKLLVKIIQSSSLQSSSVDLGTTKVLDDIIQTSIQNSNVHTERKGLLLKIIQSSVQSSS
VDQGTKEMLLEIIQSSIIQSSSVNQWTKDLLLLKIIQSSIIQSSSVDLGTEKGLLIIQSSIIQSSSVDIGTKSML
LKKTGLILKSSIVNPGTELLFQLIESIRHSSSVNSETKKMLSEITQSTVQSSSVNPNVTEEMIEEKYQLL
QSSSVNLEAENILNVTTQWILQISSVNQKEMLLLDKIQQLQISSVNPETKDLLLEKIELILQNPVGHQ
ETKDLLLERIQLILQNSSVQKETKYLLLERIRSIQSSCVQKETKDLLLERIQLILQSSSVQKETKDLLLE
KIQILILQNSTVHQETKDLLLERIQLFLQNSTVDQETSYLLKRIQLILQSSSVQKETKEFVLYIIESILHSS
SVHQETKDLLFDRVQLILESSSVQQGLKCLLLNMIQVIFQRTSVQKEMKDLLFNRIPLILESSSVQQET
KDKLLDIIQSILQRTSVQEETKDKLLDIIQSILQRSSVQKDTIDTLLDRIQLILQRTSVQKEMKDFLLDRIK
SILEFSVHQETKLLLNIRMSILESSTVHQETKLLLERIQSILESSSVQQETKLLLDRIHSILKSSSV
QKETKNLLLDRIHSILKSSSVQKESCNKRNPFWKKYALDLGISVFTIIVVTLMHLKQREADQHFELNTL



WSKDTSVILCVLIMFNNRLKALIYFRLYGFSPPGKAHKYIVNYILRFSHPVFCIVYSATILYMYLQIQNKD
SLFSLYNSWMVEMEMVLIFLLVIFNVKNIATVLLYFDSTTLRLFFWIKG

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 Selection and upkeep of intraepithelial T-cells protein 5 (Skint-5) 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.