

# Recombinant Mouse SKIT6 Protein

**For Research Use Only**

## 1. Basic Product Information

Catalog No.: REP52121

Size: 10ug, 100ug

Protein Name: Selection and upkeep of intraepithelial T-cells protein 6 (Skint-6)

Synonym: Skint6

UniProt ID: A7XUZ6

UniProt Link: [www.uniprot.org/uniprotkb/A7XUZ6/entry](http://www.uniprot.org/uniprotkb/A7XUZ6/entry)

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 1240 AA

Molecular Weight: 142 KD

Protein Tag: C-terminal His6

## 2. Amino Acid Sequence

MG TIGVPLTAHCVVLFLLQMVALSTEQFTVNGLESPVLVPLGGNLELSCQLSPPQQA KHMEIRWFKN  
RYSEPVYLYRNGKDLNEAIVYKYVERTELLKDDIGKGKVTLRIFKVTSDSGSYHCFFKDDKFYEEHII  
EVKVTATSSDIQILMHPPNSTGVRLECHSGGWFPQPHMEWRDSKGEYIPATSKSHSQDENEFFNMT  
MDLFIKSNSYWSAACYIQNFVTHQEESISFVLPGTKVLLLKNIQSIFQSSSV DLEKKDMLLKSIKSRFQ  
SSSV DPEKKERLLKIIQSRIESSVDQETKALLLESIQSSSIENSTVDLET KVWLLESIKSSIQNSSVDPET  
KELLERIKSSIENSTVDLGTKEWLLESIQSSSIQSSVDLGT KKMLLKIIQSSIQSFSVYIGTKEWLLERV  
QSSIQSSSVDLGTKELLLEIIQSSIEGYVELGIEELL SKIILSSIQSSRVDLG IKELLVKICQSSIQSTSVIL  
ETKEWL VKIFQSNIQSSSMDLET KVWL VKFFQSSIQSSSMDLGTIKWL VKNVQSNIQSSRVDLET KR  
MLLEIIQSSIQNSSVHRGTTKM L LKVIQSSIQSFSVDLETKEWLLKIIQSSIQSSSV DIGTKSM L LKIGLI  
LRSSIVNPGTELLFQIIQSDLQSSSVNTETREMLFEITQPTVQSSSVNSVTEELLEENYQLLLQSSSVN  
LEAENILNDTTQRILQLSSVNQGREKLLLDRIQQILQSSSVNPETKCWLLKRIQFILENPSVHQEKD L L  
LERIHLILQSSSVQKETKSLLGSIQSILHSFSVQKETKYLLLEKIQLILQNSSVHQETKD L L LKIIQLILQY  
SSVHEATSKLLLERIQLILQSSSVQKETKD L L LNRIFSILQNSCVDQGVKYFLLNIIHPILQKTSVHQETK  
SMLLDRIELILQSSSMQKETKNHLLDQIEQILQD TTVHQETKD L L LNRIELILQNSSVQKETKELLMDKI  
DSILRYTWVHQETKD L L LNRIELILQSSSVQEETKNFLCNIIASILQSTSMHQEKKKLLLGRIELILQSSS  
VQKETK L L LKIVQSSSPSSSVRLESCNKRNPFWKKHALDLGISVFAIIVTLIRHLNQREADQHFELD  
TLWSKDTSVILCVLIMFNNRLKALIYFRLYGYSPPGKTYKYIVNYILRFSQPLFFIVYSAILVMHLQIQNT  
DSLFSLYNSWMVEMIMVLGLLLAIFNVKNIATALLHLGR T T LRLFR IKD

### 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 6 (Skint-6) 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.