

Recombinant Mouse TMF1 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51116

Size: 10ug, 100ug

Protein Name: TATA element modulatory factor (TMF) (Androgen receptor coactivator 160 kDa protein) (Androgen receptor-associated protein of 160 kDa)

Synonym: Tmf1, Ara160, Gm153

UniProt ID: B9EKI3

UniProt Link: www.uniprot.org/uniprotkb/B9EKI3/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 1091 AA

Molecular Weight: 122 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MSWFNASQLSSFAKQALSQAQKSIDRVLDIQEEEPSAWAEAIPIYGEPGISPPVSGGWDSTWGLNS
TSSEPQSPPTASQAITKPVRTTVVDESENFSAFLSPDAHTIQKSPVVSPPSKSQRPEEEVKSSL
QESSSPGQSRVSETAEVRDSVCVSGETSAVGTPSPVPEDKHEETAGEESEVKVPTVRLKASENVVN
VNTTEDVSTTSTQSLTAETKDMALEPKEQKHEDRQSNTPSPPVSSSFSGTSTTSDIEVLDHESVISE
SASSRQETSDAKSSLHLMQTSFQLLSASACPEYSRLDDFQKLNESCCSSDAFERIDFSVQSLDSRS
VSEINSDDDELPGKGYALVPIIVSPSTPKTKVVESTENAEENETLVAPSEEAEELEESGRSATPVN
CDQPDILASPTAGSGGHSASGPATEQCEAVENQPKAPPEKEDVCKTVEFLNEKLEKRETQLLSLSKE
KALLEEAYDNLKDEMFRVKEESSISSLKDEFTQRIAEAEKKVQLACKERDAAKKEMKTIKEELATRL
NSSQTADLLKEKDEQIQGLMEEGEKLSKQQLHNSNIIKKLRAKDKDNENVIAKLNKAKELEEEELQHL
RQVLDGKEEVEKQHRENIKKLNSVVERQEKLGLRLQVDMDELEEKSRSTQAALDSAYRELTDLHKA
NAAKDSEVQEAALRREMKAKEELSGALEKAQEEARQQQEALVLQVGDRLRLALQRAEQAAARKEDY
LRHEISELQQRLQEAENRNQELSQSVSSTARPLLRQIENLQATLGSQTSSWETLEKSLSDRLGESQT
LLAAVERERAAATEELLANKIQMSSVESQNTLLRQENSRLQAQLESEKNKLRKLEDENSRYQVELEN
LKDEYVRTLEESRKEKTLSSQLEMERMKVEQERKKTIFTQEALKEKDHKLFSVCSTPTMSRSSISG
VDAAGLQASFLSQDESHDHSFGPMSTSASGSNLYEAVRMGAGSSIIENLQSQLKLREGEISHLQLEI
SNLEKTRSIMSEELVKLTNQNDLEEKVKIEPKLRVQLRDLDDQRYNTILQMYGEKAEAEELRLDLED
VKNMYKTQIDELLRQRLS

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 TATA element modulatory factor (TMF) (Androgen receptor coactivator 160 kDa protein) (Androgen receptor-associated protein of 160 kDa) 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: Potential coactivator of the androgen receptor. May play critical roles in two RAB6-dependent retrograde transport processes: one from endosomes to the Golgi and the other from the Golgi to the ER (By similarity). Mediates STAT3 degradation.

Subcellular Localization: Cytoplasm . Nucleus . Golgi apparatus membrane . Note=Concentrated at the budding structures localized at the tips of cisternae.

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.