Document Version: V2.0

Recombinant Rat ETS1 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52355

Size: 10ug, 100ug

Protein Name: Protein C-ets-1 (p54)

Synonym: Ets1, Ets-1

UniProt ID: P41156

UniProt Link: www.uniprot.org/uniprotkb/P41156/entry

Species Source: Rat

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 441 AA

Molecular Weight: 50 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTPSSKEMMSQALKATFSGFTKEQQRLGIPKD
PRQWTETHVRDWVMWAVNEFSLKGVDFQKFCMNGAALCALGKECFLELAPDFVGDILWEHLEILQ
KEDVKPYQVNGVNPTYPESRYTSDYFISYGIEHAQCVPPSEFSEPSFITESYQTLHPISSEELLSLKYE
NDYPSVILRDPLQTDTLQTDYFAIKQEVLTPDNMCMGRASRGKLGGQDSFESIESYDSCDRLTQSW
SSQSSFNSLQRVPSYDSFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPI
QLWQFLLELLTDKSCQSFISWTGDGWEFKLSDPDEVARRWGKRKNKPKMNYEKLSRGLRYYYDKN
IIHKTAGKRYVYRFVCDLQSLLGYTPEELHAMLDVKPDADE

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 Protein C-ets-1 (p54) 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: Transcription factor. Directly controls the expression of cytokine and chemokine genes in a wide variety of different cellular contexts. May control the differentiation, survival and proliferation of lymphoid cells. May also regulate angiogenesis through regulation of expression of genes controlling endothelial cell migration and invasion.

Subcellular Localization: Nucleus . Cytoplasm .

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.