SunLong Biotech Co.,LTD
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Recombinant V-Ets Erythroblastosis Virus E26 Oncogene Homolog 1 (ETS1)

Catalog Number: SIPJ082Mu01 **Spec: 100ug**

Product Name	Recombinant V-Ets Erythroblastosis Virus E26 Oncogene Homolog 1 (ETS1)
Catalog Number	SIPJ082Mu01
Organism Species	Mouse
Residues	Met1~Arg243
Tags	Two N-terminal Tags, His-tag and T7-tag
Accession	P27577
Host	E. coli
Subcellular Location	Nucleus.
Purity	>90%
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method).
Formulation	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Predicted isoelectric point	4.6
Predicted Molecular Mass	31.3kDa
Accurate Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Applications	SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.)
Note	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.

[USAGE]

Reconstitute in sterile ddH2O.

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[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below. MKAAVDLKPT LTIIKTEKVD LELFPSPDME CADVPLLTPS SKEMMSQALK ATFSGFTKEQ QRLGIPKDPR QWTETHVRDW VMWAVNEFSL KGVDFQKFCM SGAALCALGK ECFLELAPDF VGDILWEHLE ILQKEDVKPY QVNGANPTYP ESCYTSDYFI SYGIEHAQCV PPSEFSEPSF ITESYQTLHP ISSEELLSLK YENDYPSVIL QDPLQTDTLQ TDYFAIKQEV LTPDNMCLGR ASR