Recombinant TEK Tyrosine Kinase, Endothelial (Tie2) Instruction Manual

SIPA209Hu03

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	55.1kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ile465 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	6.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MDSLASLVLC GVSLLLSGTV EGAMDLILIN SLPLVSDAET SLTCIASGWR
PHEPITIGRD FEALMNQHQD PLEVTQDVTR EWAKKVVWKR EKASKINGAY
FCEGRVRGEA IRIRTMKMRQ QASFLPATLT MTVDKGDNVN ISFKKVLIKE
EDAVIYKNGS FIHSVPRHEV PDILEVHLPH AQPQDAGVYS ARYIGGNLFT
SAFTRLIVRR CEAQKWGPEC NHLCTACMNN GVCHEDTGEC ICPPGFMGRT
CEKACELHTF GRTCKERCSG QEGCKSYVFC LPDPYGCSCA TGWKGLQCNE
ACHPGFYGPD CKLRCSCNNG EMCDRFQGCL CSPGWQGLQC EREGIQRMTP
KIVDLPDHIE VNSGKFNPIC KASGWPLPTN EEMTLVKPDG TVLHPKDFNH
TDHFSVAIFT IHRILPPDSG VWVCSVNTVA GMVEKPFNIS VKVLPKPLNA
PNVIDTGHNF AVINI

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.