

Recombinant Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK) Instruction Manual

SIPE530Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	55.6kDa
Accurate Molecular Mass	56kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu24~Thr495 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LPKAPVI TTPLETVDAL VEEVATFMCA
VESYPQPEIS WTRNKILIKL FDTRYSIREN GQLLTILSVE DSDDGIYCCT
ANNGVGGAVE SCGALQVKMK PKITRPPINV KIIIEGLKAVL PCTTMGNPKP
SVSWIKGDSP LRENSRIAVL ESGSLRIHNV QKEDAGQYRC VAKNSLGTAY
SKVVKLEVEV FARILRAPES HNVTFGSFVT LHCTATGIPV PTITWIENGN
AVSSGSIQES VKDRVIDSRL QLFITKPGLY TCIATNKHGE KFSTAKAAAT
ISIAEWSKPQ KDNKGCAQY RGEVCNAVLA KDALVFLNTS YADPEEAQEL
LVHTAWNELK VVSPVCRPAA EALLCNHIFQ ECSPGVVPTP IPICREYCLA
VKELFCAKEW LVMEEKTHRG LYRSEMHLIS VPECSKLPSP HWDPTACARL
PHLDYNKENL KTFPPMTSSK PSVDIPNLPS SSSSSFSVSP TYSMT
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USAGE

Reconstitute in 10mM PBS (pH7.4) 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

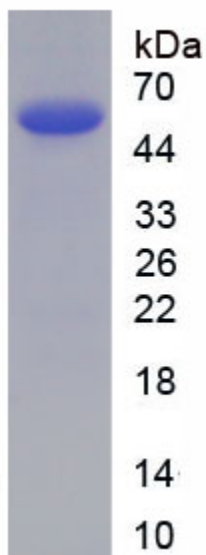


Figure. SDS-PAGE

[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.