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Recombinant Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK)

Catalog Number: SIPE530Hu01 **Spec: 200ug**

Product Name	Recombinant Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK)
Catalog Number	SIPE530Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Leu24~Thr495
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	150μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	7.3
Predicted Molecular Mass	55.6kDa
Accurate Molecular Mass	56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[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. 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.

[SEQUENCE]

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

[IDENTIFICATION]

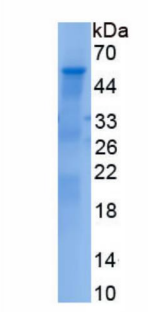


Figure. SDS-PAGE

[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.