SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Myosin Heavy Chain 11, Smooth Muscle (MYH11)

Catalog Number: SIPD957Ra01 **Spec: 100ug**

Product Name	Recombinant Myosin Heavy Chain 11, Smooth Muscle (MYH11)
Catalog Number	SIPD957Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Lys211~Trp482 (Accession # Q63862)
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Original Concentration	200μg/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	6.01
Predicted Molecular Mass	32.4kDa
Accurate Molecular Mass	32kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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

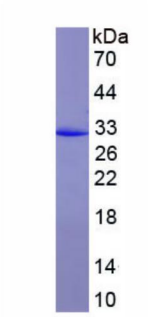
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

KVVSSVLQLG NIVFKKERNT DQASMPDNTA AQKVCHLVGI NVTDFTRAIL
TPRIKVGRDV VQKAQTKEQA DFAIEALAKA TYERLFRWIL SRVNKALDKT
HRQGASFLGI LDIAGFEIFE VNSFEQLCIN YTNEKLQQLF NHTMFILEQE
EYQREGIEWN FIDFGLDLQP CIELIERPNN PPGVLALLDE ECWFPKATDK
SFVEKLCSEQ GNHPKFQKPK QLKDKTEFSI IHYAGKVDYN ASAWLTKNMD
PLNDNVTSLL NASSDKFVAD LW

[IDENTIFICATION]



[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.