SunLong Biotech Co.,LTD
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Recombinant Glutamate Receptor, Metabotropic 1 (GRM1)

Catalog Number: SIPE189Hu01 **Spec: 50ug**

Product Name	Recombinant Glutamate Receptor, Metabotropic 1 (GRM1)
Catalog Number	SIPE189Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Ser165~Glu592
Tags	N-terminal His Tag
Subcellular Location	Membrane
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, 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	5.4
Predicted Molecular Mass	52.3kDa
Accurate Molecular Mass	52kDa 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

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]

SSVAIQ VQNLLQLFDI PQIAYSATSI DLSDKTLYKY
FLRVVPSDTL QARAMLDIVK RYNWTYVSAV HTEGNYGESG MDAFKELAAQ
EGLCIAHSDK IYSNAGEKSF DRLLRKLRER LPKARVVVCF CEGMTVRGLL
SAMRRLGVVG EFSLIGSDGW ADRDEVIEGY EVEANGGITI KLQSPEVRSF
DDYFLKLRLD TNTRNPWFPE FWQHRFQCRL PGHLLENPNF KRICTGNESL
EENYVQDSKM GFVINAIYAM AHGLQNMHHA LCPGHVGLCD AMKPIDGSKL
LDFLIKSSFI GVSGEEVWFD EKGDAPGRYD IMNLQYTEAN RYDYVHVGTW
HEGVLNIDDY KIQMNKSGVV RSVCSEPCLK GQIKVIRKGE VSCCWICTAC
KENEYVQDEF TCKACDLGWW PNADLTGCEP IPVRYLEWSN IE

[IDENTIFICATION]

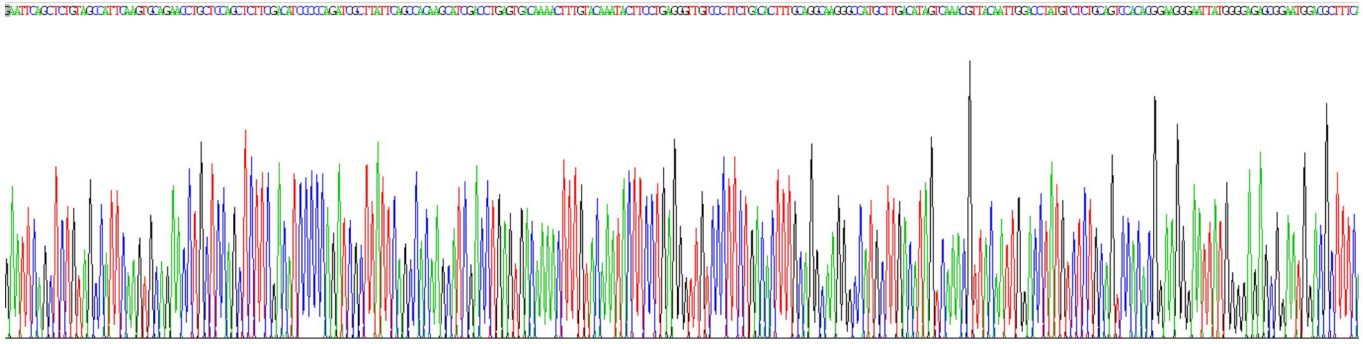


Figure . Gene Sequencing (extract)

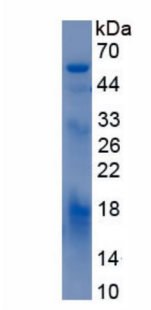


Figure. SDS-PAGE

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[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.