

Recombinant Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2B (GRIN2B) Instruction Manual

SIPE554Hu01

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	89.0kDa
Accurate Molecular Mass	89kDa(Analysis of differences refer to the manual)
Residues & Tags	Ile35~Asp557 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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IGIAVI LVGTSDEVAI  
KDAHEKDDFH HLSVVRVEL VAMNETDPKS IITRICDLMS DRKIQGVVFA  
DDTDQEIAIQ ILDFISAQTL TPILGIHGGS SMIMADKDES SMFFQFGPSI  
EQQASVMLNI MEEYDWYIFS IVTTYFPGYQ DFVNKIRSTI ENSFVGWELE  
EVLLLDMSLD DGDSKIQNQL KKLQSPIILL YCTKEEATYI FEVANSVGLT  
GYGYTWIVPS LVAGD TDTP AEFPTGLISV SYDEWDYGLP ARVRDGI AII  
TTAASDMLSE HSF IPEPKSS CYN THEKRIY QSNMLNRYLI NVT FEGRNLS  
FSEDGYQMHP KLV IILLNKE RKWERV GKWK DKSLQM KYYV WPRMCPETEE  
QEDDHL SIVT LEEAPFVIVE SVDPLSGTCM RNTVPCQKRI VTENKTDEEP  
GYIKKCKGF CIDILKKISK SVKFTYDLYL VTNGKHGKKI NGTWNGMIGE  
VVMKRAYMAV GSLTINEERS EVVDFSV PFI ETGISVMVSR SNGTVSPSAF  
LEPFSAD
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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

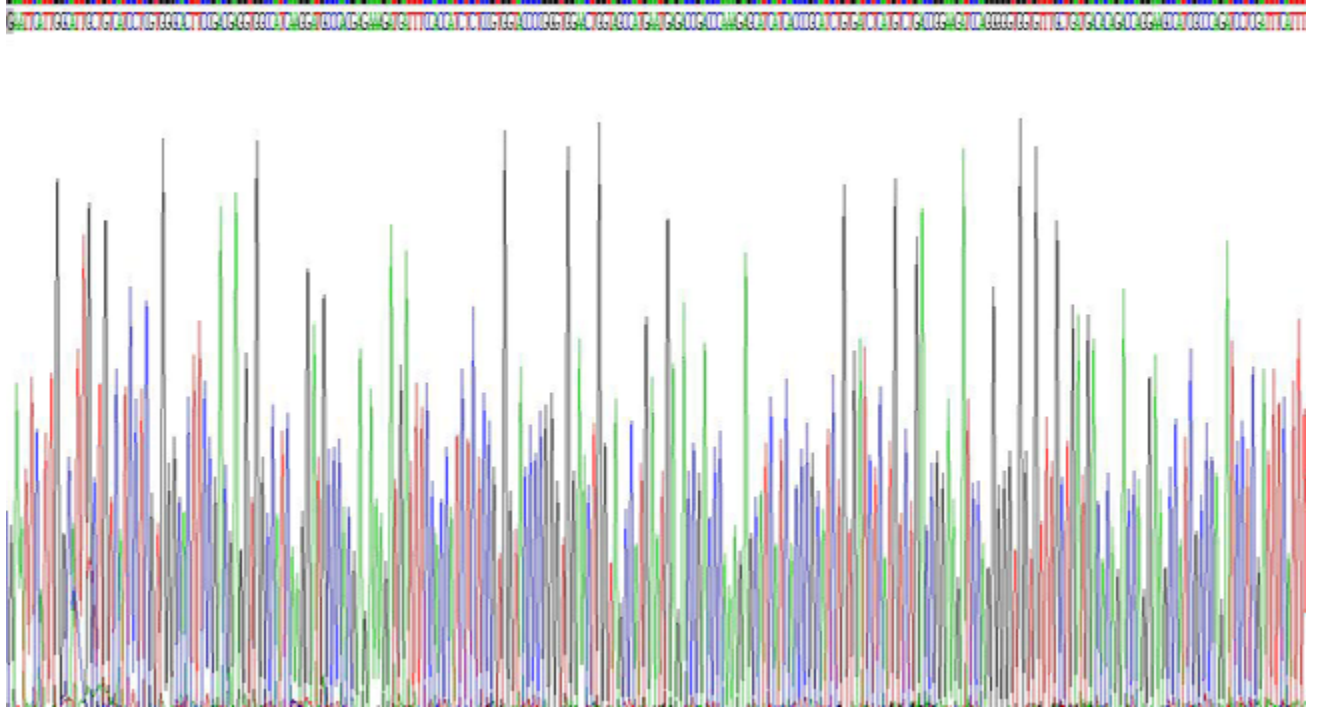


Figure. SDS-PAGE

[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.