

Recombinant Myelin Oligodendrocyte Glycoprotein (MOG)

Catalog No. : GXP87078 100µg

Sequence Information

Species: Mouse**Gene ID:**17441**Swiss Prot:**Q61885**Synonyms:****Residues:**Gln30-Trp149

QFRVIGPGYPICALVGDAAELPCRISPGKNATGMEVGVWYRSPFSRVVHLYRNGKDQDAEQAPEYRGRTE
LLKETISEGKVTLRIQNVRFSDEGGYTCCFFRDHSYQEEAAMELKVEDPFYW

Product Information

Source: Prokaryotic expression.**Host:** *E. coli***Tags:** N-terminal His-Tag**Subcellular Location:** Membrane.**Purity:** >90%**Traits:** Freeze-dried powder**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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: 6.0**Predicted Molecular Mass:** 18.2kDa**Accurate Molecular Mass:** 18kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C 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 48 h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

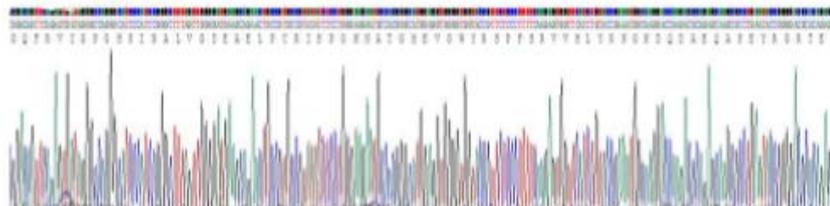


Figure 1. Gene Sequencing

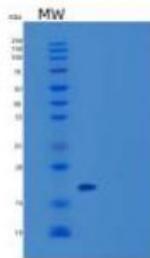


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.