

Recombinant Myelin Oligodendrocyte Glycoprotein (MOG) Instruction Manual

SIPA562Hu01

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	19kDa
Accurate Molecular Mass	19kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly30~Tyr149 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                G QFRVIGPRHP IRALVGDEVE  
LPCRISPGKN ATGMEVGWYR PPFSRVVHLY RNGKDQGDQ APEYRGRTL  
LKDAIGEGKV TLRIRNVRFS DEGGFTCFRR DHSYQEEAAM ELKVEDPFY
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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.

