

Recombinant Apolipoprotein D (APOD) Instruction Manual

SIPB371Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	21.1kDa
Accurate Molecular Mass	22kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln21~Leu189 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

QSFHLGKCPS PPVQENFDVK KYLGRWYEIE
KIPVSFEKGN CIQANYSLME NGNIKVLNKE LRPDGTLNQV EGEAKQSNMS
EPAKLEVQFF SLMPPAPYWI LATDYESYAL VYSCTTFFWF FHVDYVWILG
RNPYLPPETI TYLKYILTSN DIDIAKITTK DQANCPDFL

USAGE

Reconstitute in ddH₂O 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.

