

Recombinant Immunoglobulin D (IgD) Instruction Manual

SIPB681Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	45.9kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro2~Lys384 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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PTKAPDVFP IISGCRHPKD NSPVVLA CLI TGYHPTSVTV TWYMGTSQSP  
QRTFPEIQRR DSYMYTSSQL STPLQQWRQG EYKCVVQHTA SKSKKEIFRW  
PESPKAQASS VPTAQQAEG SLAKATTAPA TTRNTGRGGE EKKKEKEKEE  
QEERETKTPE CPSHTQPLGV YLLTPAVQDL WLRDKATFTC FVVGSDLKDA  
HLTWEVAGKV PTGGVEEGLL ERHSNGSQSQ HSRLTLPRSL WNAGTSVTCT  
LNHPSLPPQR LMALREPAAQ APVKLSL NLL ASSDPPEAAS WLLCEVSGFS  
PPNILLMWLE DQREVNTSGF APARPPPQPR STTFWAWSVL RVPAPPSPQP  
ATYTCVVSHE DSRTLLNASR SLEVS YVTDH GPMK
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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

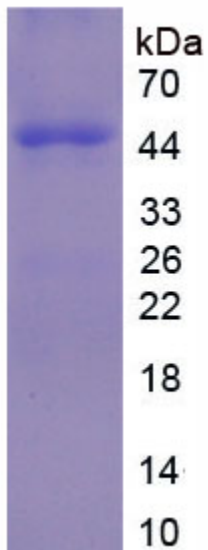


Figure. SDS-PAGE

[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.