

Recombinant Cluster Of Differentiation 74 (CD74)

武汉天德生物科技有限公司 Wuhan Tanda Biotechnology Co., Ltd

Catalog No.: TD-TP01532 50µg

Sequence Information

Species:	Human
Swiss Prot:P04233	

Gene ID:972 Synonyms:MHCDG; HLA-DG; HLADG; DHLAG; Ia-GAMMA; HLA class II histocompatibility antigen gamma chain; Ia antigen-associated invariant chain; HLA-DR antigens-associated invariant chain

Residues:Leu78~Val222

LDKLTVTSQNLQLENLRMKLPKPPKPVSKMRMATPLLMQALPMGALPQGPMQNA

TKYGNMTEDHVMHLLQNADPLKVYPPLKGSFPENLRHLKNTMETIDWKVFESWM

HHWLLFEMSRHSLEQKPTDAPPKVLTKCQEEVSHIPA

Product Information

Source: Prokaryotic expression.

Host: E. coli

Tags: N-terminal His Tag

Subcellular Location: Membrane.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.1% SKL, 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: 7.2

Predicted Molecular Mass: 20.3kDa

Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in ddH_2O 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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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[IDENTIFICATION]

Figure 1. Gene Sequencing (Extract)

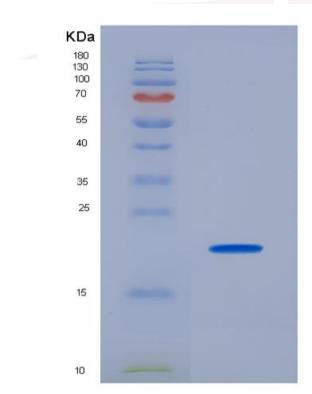


Figure 2. SDS-PAGE

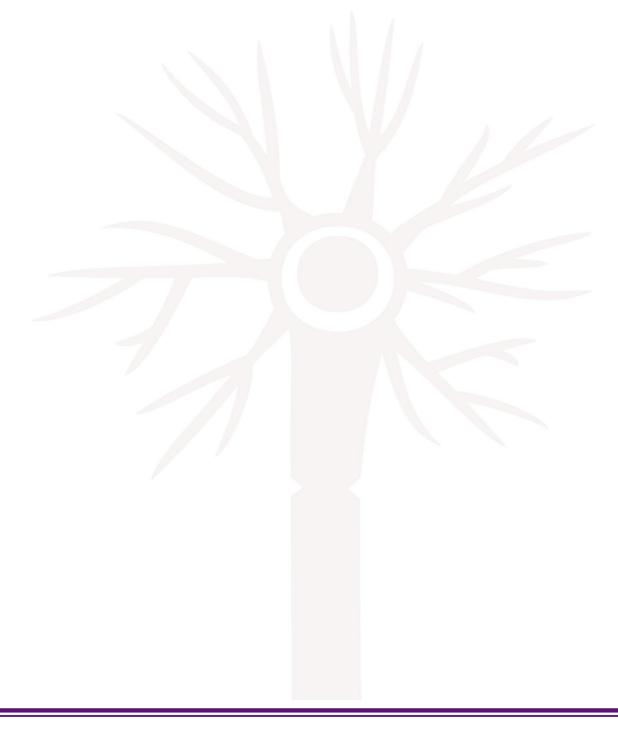
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[<u>IMPORTANT NOTE</u>]

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.

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