

Recombinant H-2 class II histocompatibility antigen gamma chain (Cd74)

Catalog No.: TP11943

100µg

Sequence Information

Species: Mouse

Gene ID:16149

Swiss Prot:P04441

Synonyms:HG2A

Residues:Gln56-Leu279

QQQGRDLKLTITSQNLQLESRLMKLPKSAKPVSQMRMATPLLMRPM SMDNMLLG
PVKNVTKYGNMTQDHVMHLLTRSGPLEY PQLKGTFPENLKHLKNSMDGVNWKIF
ESWMKQWLLFEMSKNSLEEKKPT EAPPKVLTKCQEEVSHIPAVYPGAFRPKCDE
NGNYLPLQCHGSTGYCWCVFPNGTEVPHTKSRGRHNCSEPLDMEDLSSGLGVTR
QELGQVTL

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His Tag

Subcellular Location: Cell membrane.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

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: 8.8

Predicted Molecular Mass: 28.8kDa

Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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.

[IDENTIFICATION]

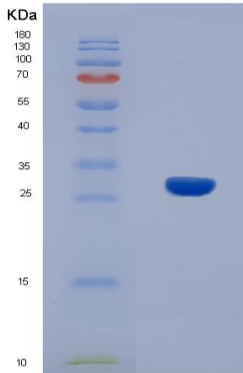


Figure 1. SDS-PAGE

[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.