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# Recombinant Cluster Of Differentiation 276 (CD276)

**Catalog Number: SIPA173Hu01** **Spec: 50ug**

| | |
|---|---|
| **Product Name** | Recombinant Cluster Of Differentiation 276 (CD276) |
| **Catalog Number** | SIPA173Hu01 |
| **Organism Species** | Human |
| **Source** | Prokaryotic expression. |
| **Host** | E. coli |
| **Residues** | Thr47~Ser219 |
| **Tags** | N-terminal His-Tag |
| **Subcellular Location** | Membrane; Single-pass type I membrane protein. |
| **Purity** | >98% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300. |
| **Original Concentration** | 200ug/mL |
| **Applications** | SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.) |
| **Predicted isoelectric point** | 5.9 |
| **Predicted Molecular Mass** | 22.4kDa |
| **Accurate Molecular Mass** | 22kDa as determined by SDS-PAGE reducing conditions. |

**[ USAGE ]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC 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.

**[ SEQUENCE ]**

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                                                                  TLCC
SFSPEPGFSL AQLNLIWQLT DTKQLVHSFA EGQDQGSAYA NRTALFPDLL
AQGNASLRLQ RVRVADEGSF TCFVSIRDFG SAAVSLQVAA PYSKPSMTLE
PNKDLRPGDT VTITCSSYQG YPEAEVFWQD GQGVPLTGNV TTSQMANEQG
LFDVHSILRV VLGANGTYS
```

**[ IDENTIFICATION ]**

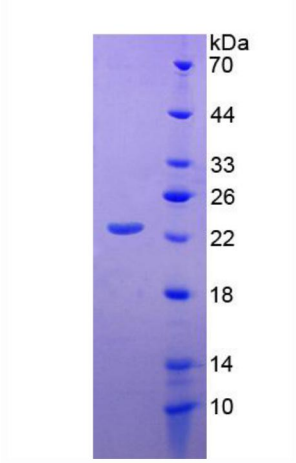



Figure 1. SDS-PAGE