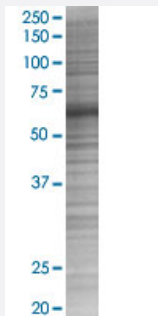


CD247 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000919-T01

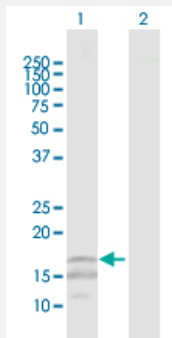
Size 100 uL

Applications



SDS-PAGE Gel

CD247 transfected lysate.



Western Blot

Lane 1: CD247 transfected lysate (18.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CD247 full-length
Host	Human
Theoretical MW (kDa)	18.7
Interspecies Antigen Sequence	Mouse (81); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CD247 antibody ([H00000919-D01P](#)) by Western Blots.
SDS-PAGE Gel
CD247 transfected lysate.
Western Blot
Lane 1: CD247 transfected lysate (18.70 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CD247

Entrez GeneID[919](#)**GeneBank Accession#**[NM_198053](#)**Protein Accession#**[NP_932170.1](#)**Gene Name**

CD247

Gene Alias

CD3-ZETA, CD3H, CD3Q, CD3Z, T3Z, TCRZ

Gene Description

CD247 molecule

Omim ID[186780 610163](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CD247 antigen, zeta subunit|CD3Z antigen, zeta polypeptide (TiT3 complex)|OTTHUMP00000032544|T-cell antigen receptor complex, zeta subunit of CD3|T-cell receptor T3 zeta chain|T-cell receptor zeta chain|T-cell surface glycoprotein CD3 zeta chain

Pathway

- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Osteoporosis](#)
- [Scleroderma](#)