

Datasheet for ABIN5854953
CD276 Protein (CD276) (AA 29-466) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD276
Protein Characteristics:	AA 29-466
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD276 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LEVQVPEDPV VALVGTDATL CCSFSPEPGF SLAQLNLIWQ LTDTKQLVHS FAEGQDQGSA YANRTALFPD LLAQGNASLR LQRVRVADEG SFTCFVSIRD FGSAAVSLQV AAPYSKPSMT LEPNKDLRPG DTVTITCSSY QGYPEAEVFW QDGQGVPLTG NVTTSQMANE QGLFDVHSIL RVVLGANGTY SCLVRNPVLQ QDAHSSVTIT PQRSPTGAVE VQVPEDPVVA LVGTDATLRC SFSPEPGFSL AQLNLIWQLT DTKQLVHSFT EGRDQGSAYA NRTALFPDLL AQGNASLR LQ RVRVADEGSF TCFVSIRDFG SAAVSLQVAA PYSKPSMTLE PNKDLRPGDT VTITCSSYRG YPEAEVFWQD GQGVPLTGNV TTSQMANEQG LFDVHSVLRV VLGANGTYSC LVRNPVLQQD AHGSVTITGQ PMTFPPEALE HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

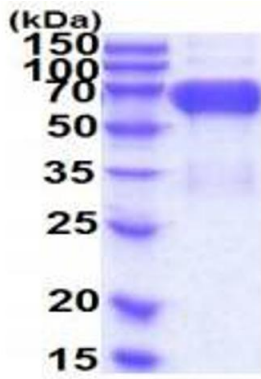
Target:	CD276
Alternative Name:	CD276 (CD276 Products)
Background:	CD276, also known as CD276 antigen isoform, is a member of B7 family of immunoregulatory transmembrane glycoproteins expressed by T cells. It is a costimulatory molecule for T cell activation and IFN-gamma production. It upregulates BRCC3 expression, antagonizing DNA damage caused by 5-Fu. It is correlated with TNM stage of NSCLC and may serve as a potential biomarker for NSCLC-derived MPEs. Recombinant human CD276, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	48.1kDa (446aa) 50-70kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_001019907
UniProt:	Q5ZPR3
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.