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Datasheet for ABIN6388178

SFTPD Protein (AA 22-375) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	SFTPD
Protein Characteristics:	AA 22-375
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SFTPD protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	GQNDSQTSS PSLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNQKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLPSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	SFTPD
Alternative Name:	SFTPD (SFTPD Products)

Target Details

Background: CD52, also known as CAMPATH-1 antigen, is a small glycosylphosphatidylinositol (GPI) anchored glycoprotein that is tethered to the cell surface with a GPI linkage. This protein can be targeted to induce immune suppression by complement-mediated cell lysis. CD52 is expressed on lymphocytes, monocytes, monocytes-derived dendritic cells, eosinophils, and neutrophils, but not on the stem cells from which these lymphocytes were derived. Also, it is an important target for therapeutic interventions aimed at leukocyte depletion in hematological malignancies and post-transplant immunosuppression. Recombinant human CD52, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 28.2kDa (251aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_001794](#)

UniProt: [P31358](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

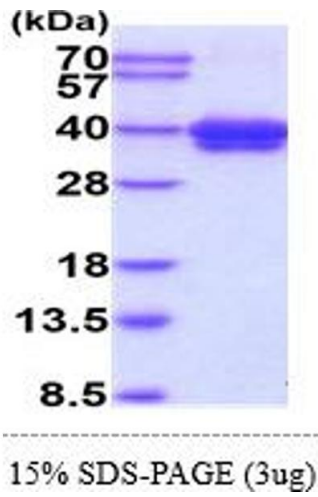
Format: Liquid

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.



SDS-PAGE

Image 1.