Datasheet for ABIN5709235

CD44 Protein (CD44) (AA 21-606, Extracellular, Isoform 4) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CD44
Protein Characteristics:	Extracellular, Isoform 4, AA 21-606
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD44 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QIDLNITCRF AGVFHVEKNG RYSISRTEAA DLCKAFNSTL PTMAQMEKAL SIGFETCRYG FIEGHVVIPR IHPNSICAAN NTGVYILTSN TSQYDTYCFN ASAPPEEDCT SVTDLPNAFD GPITITIVNR DGTRYVQKGE YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFYTFST VHPIPDEDSP WITDSTDRIP ATSTSSNTIS AGWEPNEENE DERDRHLSFS GSGIDDDEDF ISSTISTTPR AFDHTKQNQD WTQWNPSHSN PEVLLQTTTR MTDVDRNGTT AYEGNWNPEA HPPLIHHEHH EEEETPHSTS TIQATPSSTT EETATQKEQW FGNRWHEGYR QTPREDSHST TGTAAASAHT SHPMQGRTTP SPEDSSWTDF FNPISHPMGR GHQAGRRMDM DSSHSTTLQP TANPNTGLVE DLDRTGPLSM TTQQSNSQSF STSHEGLEED KDHPTTSTLT SSNRNDVTGG RRDPNHSEGS TTLLEGYTSH YPHTKESRTF IPVTSAKTGS FGVTAVTVGD SNSNVNRSLS GDQDTFHPSG GSHTTHGSES DGHSHGSQEG GANTTSGPIR TPQIPE
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

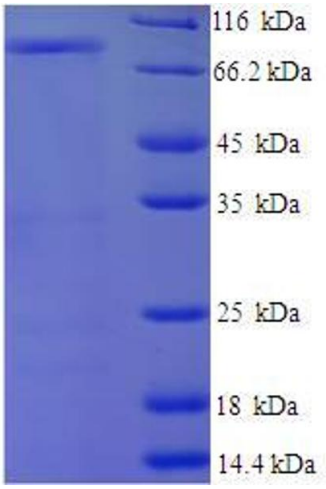
Target:	CD44
Alternative Name:	CD44 (CD44 Products)
Background:	Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. In cancer cells, may play an important role in invadopodia formation. Also involved in lymphocyte activation, recirculation and homing, and in hatopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.
Molecular Weight:	80.1 kDa
UniProt:	P16070
Pathways:	Glycosaminoglycan Metabolic Process, Autophagy, Negative Regulation of intrinsic apoptotic Signaling

Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.