Datasheet for ABIN6387890

AGA Protein (AA 24-346) (His tag)

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Overview

Quantity:	50 µg
Target:	AGA
Protein Characteristics:	AA 24-346
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPSSPLPLV VNTWPFKNAT EAAWRALASG GSALDAVESG CAMCEREQCD GSVGFGGSPD ELGETTLDAM IMDGTTMDVG AVGDLRRIKN AIGVARKVLE HTTHTLLVGE SATTFAQSMG FINEDLSTTA SQALHSDWLA RNCQPNYWRN VIPDPSKYCG PYKPPGILKQ DIPIHKETED DRGHDTIGMV VIHKTGHIAA GTSTNGIKFK IHGRVGDSPI PGAGAYADDT AGAAAATGNG DILMRFLPSY QAVEYMRRGE DPTIACQKVI SRIQKHFPEF FGAVICANVT GSYGAACNKL STFTQFSFMV YNSEKNQPTE EKVDCIHHHH HH
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	AGA

Target Details

Alternative Name:	AGA (AGA Products)
Background:	AGA, as known as N (4) - (beta-N-acetylglucosaminyl) -L-asparaginase isoform 1, belongs to the N-terminal nucleophile (Ntn) hydrolase superfamily. This protein consists of different S100 proteins and then plays various roles in regulation of protein phosphorylation, the dynamics of cytoskeleton constituents, transcription factors, enzyme activities, cell growth and differentiation, and inflammatory response. Recombinant human AGA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	35.7 kDa (332aa)
NCBI Accession:	NP_000018
UniProt:	P20933

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 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 +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.