Datasheet for ABIN5709037

ALDH5A1 Protein (AA 48-535) (His-SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ALDH5A1
Protein Characteristics:	AA 48-535
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH5A1 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	AGRLAGLSAA LLRTDSFVGG RWLPAAATFP VQDPASGAAL GMVADCGVRE ARAAVRAAYE AFCRWREVSA KERSSLLRKW YNLMIQNKDD LARIITAESG KPLKEAHGEI LYSAFFLEWF SEEARRVYGD IIHTPAKDRR ALVLKQPIGV AAVITPWNFP SAMITRKVGA ALAAGCTVVV KPAEDTPFSA LALAELASQA GIPSGVYNVI PCSRKNAKEV GEAICTDPLV SKISFTGSTT TGKILLHHAA NSVKRVSMEL GGLAPFIVFD SANVDQAVAG AMASKFRNTG QTCVCSNQFL VQRGIHDAFV KAFAEAMKKN LRVGNGFEEG TTQGPLINEK AVEKVEKQVN DAVSKGATVV TGGKRHQLGK NFFEPTLLCN VTQDMLCTHE ETFGPLAPVI KFDTEEEAIA IANAADVGLA GYFYSQDPAQ IWRVAEQLEV GMVGVNEGLI SSVECPFGGV KQSGLGREGS KYGIDEYLEL KYVCYGGL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	ALDH5A1
Alternative Name:	SSDH (ALDH5A1 Products)
Background:	Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).
Molecular Weight:	68.3 kDa
UniProt:	P51649
Pathways:	Monocarboxylic Acid Catabolic Process

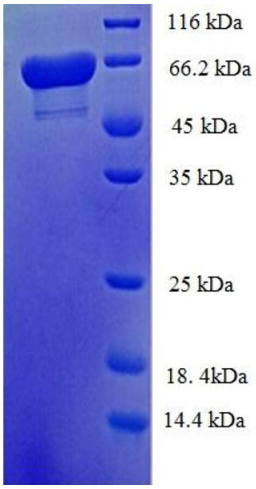
Application Details

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.

Images



SDS-PAGE

Image 1.