

Succinate-semialdehyde dehydrogenase Recombinant Protein | ALDH5A1 recombinant protein

Recombinant Human Succinate-semialdehyde dehydrogenase, mitochondrial

CATALOG # AAA113512	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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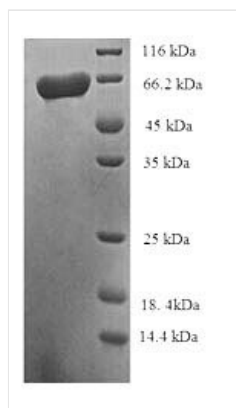
PRODUCT SYNONYMS

Succinate-semialdehyde dehydrogenase; Recombinant Human Succinate-semialdehyde dehydrogenase; mitochondrial; Aldehyde dehydrogenase family 5 member A1; A1NAD(+)-dependent succinic semialdehyde dehydrogenase; ALDH5A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	48-535. Full Length of Mature Protein
Sequence	AGRLAGLSAA LLRTDSFVGG RWLPAAATFP VQDPASGAAL GMVADCGVRE ARAAVRAAYE AFCRWREVS KERSLLRKW YNLMIQNKDD LARIITAESG KPLKEAHGEI LYSAFFLEWF SEEARRVYGD IIHTPAKDRR ALVLKQPIGV AAVITPWNFP SAMITRKVGA ALAAGCTVVV KPAEDTPFSA LALAEASQA GIPSGVYNVI PCSRKNAKEV GEAICTDPLV SKISFTGSTT TGKILLHAA NSVKRVSMEL GGLAPFIVFD SANVDQAVAG AMASKFRNTG QTCVCSNQFL VQRGIHDAFV KAFEAAMKKN LRVNGFEEG TTQGPLINEK AVEKVEKQVN DAVSKGATVV TGGKRHLGK NFFPTLLCN VTQDMLCTHE ETFGPLAPVI KFDTEEEAIA IANAADVGLA GYFYSQDPAQ IWRVAEQLEV GMVGVNEGLI SSVCEPFGGV KQSGLGREGS KYGIDEYLEL KYVCYGGL
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ALDH5A1 recombinant protein	Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).
Product Categories/Family for ALDH5A1 recombinant protein	Metabolism

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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507229
NCBI GeneID	7915
NCBI Accession #	NP_001071.1
NCBI GenBank Nucleotide #	NM_001080.3
UniProt Accession #	P51649; Q546H9; Q8N3W6; B2RD26; G5E949
Molecular Weight	54.3 kDa
NCBI Official Full Name	succinate-semialdehyde dehydrogenase, mitochondrial isoform 2
NCBI Official Synonym Full Names	aldehyde dehydrogenase 5 family member A1
NCBI Official Symbol	ALDH5A1
NCBI Official Synonym Symbols	SSDH; SSADH
NCBI Protein Information	succinate-semialdehyde dehydrogenase, mitochondrial
UniProt Protein Name	Succinate-semialdehyde dehydrogenase, mitochondrial
UniProt Gene Name	ALDH5A1
UniProt Synonym Gene Names	SSADH
UniProt Entry Name	SSDH_HUMAN

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AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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