

Product datasheet for TP316923

AASDH (NM_181806) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human amino adipate-semialdehyde dehydrogenase (AASDH), 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC216923 representing NM_181806 Red =Cloning site Green =Tags(s) |

MTLQELVHKAASCYMDRVAVCFDECNNQLPVYYTYKTVVNAASELSNLLLLHCDFQGIREIGLYCQPGID
LPSWILGILQVPAAYVPIEPDPPSLSTHFMKKCNLKYILVEKKQINKFKSFHETLLNYDTFTVEHNDLV
LFRLHWKNTENVNLMLNDGKEKYEKIKSISSEHVNEEKAEHMDLRLKHCLAYVLHTSGTTGIPKIVRV
PHKCIVPNIQHFRVLFIDITQEDVLFASPLTFDPSVWEIFLALSSGASLLIVPTSVKLLPSKLASVLFSH
HRVTVLQATPTLLRRFGSqliKSTVLSATTSLRVLALGGEAFPSLTVLRSWRGEGNKTQIFNVYGITEVS
SWATIYRIPEKTLNSTLKCELPVQLGFLLGTWVEVRDTNGFTIQEGSGQVFLGGRNRVCFLDDEVTVPL
GTMRATGDFVTVKDGEIFFLGRKDSQIKRHGKRLNIELVQQVAEELQVESCVAWTWYNQEKLILFMVSKD
ASVKEYIFKELQKYLPSHAVPDELVLIDSLPFTSHGKIDVSELNKIYLNINLSENKLSGKEDLWEKLQ
YLWKSTLNLPELDRVPDESFLNSGGDSLKIRLLSEIEKLVGTSVPGLEIILSSSILEIYNHILQTV
VPDEDVTRKSCATKRKLSINQEEASGTSLHQKAIMTFTCHNEINAFVLSRGSQILSLNSTRFLTKLG
HCSSACPSDSVSQTNIQNLKGLNSPVLIGKSKDPSCVAKVSEEGKPAIGTQKMEHLHVRWRSDTGKCVSDAS
PLVVIPTFDKSSTTVYIGSHSRMKAVDFYSGKVKWEQILGDRIESSACVSKCGNFIVVGCYNGLVVYVK
SNSGEKYWMFTTEDAVKSSATMDPTTGLIYIGSHDQHAYALDIYRKKCVWWSKCGGTVFSSPCLNLIPHH
LYFATLGGLLLAVNPATGNVIWKHSCGKPLFSSPQCCSQYICIGCVDGNLLCFTHFGEQVWQFSTSGPIF
SSPCTSPSEQKIFFGSHDCFIYCCNMKGHLQWKFETTSRVYATPFAFHNYNGSNEMLLAAASTDGKVVIL
ESQSGQLQSVYELPGEVFSSPVVLESMLIIGCRDNYVYCLDLLGGNQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

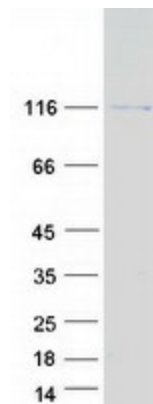
| | |
|----------------|---|
| Tag: | C-Myc/DDK |
| Predicted MW: | 122.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |



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| | |
|--------------------------|--|
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_861522 |
| Locus ID: | 132949 |
| UniProt ID: | Q4L235 |
| RefSeq Size: | 3573 |
| Cytogenetics: | 4q12 |
| RefSeq ORF: | 3294 |
| Synonyms: | ACSF4; LYS2; NRPS998; NRPS1098 |
| Summary: | This gene encodes a member of the non-ribosome peptide syntesase (NRPS) enzyme family. The encoded protein contains an AMP-binding domain, PP-binding (phosphopantetheine, or pantetheine 4'phosphate-binding) domain and the Pyrrolo-quinoline quinon (PQQ) binding domain. The protein is expressed in several adult tissues. [provided by RefSeq, Apr 2016] |
| Protein Pathways: | Lysine biosynthesis, Lysine degradation, Metabolic pathways |

Product images:



Coomassie blue staining of purified AASDH protein (Cat# TP316923). The protein was produced from HEK293T cells transfected with AASDH cDNA clone (Cat# [RC216923]) using MegaTran 2.0 (Cat# [TT210002]).