

Recombinant Full Length Human ADSS Protein, GST-tagged

Cat. No. ADSS-982HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADSS full-length ORF (AAH12356, 1 a.a. - 456 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	456 amino acids
Description	This gene encodes the enzyme adenylosuccinate synthetase which catalyzes the first committed step in the conversion of inosine monophosphate to adenosine monophosphate. A pseudogene of this gene is found on chromosome 17.[provided by RefSeq, Nov 2010]
Molecular Mass	75.9 kDa
AA Sequence	MAFAETYPAA SSLPNGDCGR PRARPGGNRV TVVLGAQWGD EGKGKVVDLL AQDADIVCRC QGGNNAGHTV VVDSVEYDFH LLPSGIINPN VTAFVGNNGVV IHLPLGFEEA EKNVQKGKGL EGWEKRLIIS DRAHIVDFH QAADGIQEQQ RQEQAGKNLG TTKKGIGPVY SSKAARSGLR MCDLVSDFDG FSERFKVLAN QYKSIYPTLE IDIEGELQKL KGYMEKIKPM VRDGVYFLYE ALHGPPKKIL VEGANAALLD IDFGTYPFVT SSNCTVGGVC TGLGMPPQNV GEVYGVVKAY TTRVGIGAFP TEQDNEIGEL LQTRGREFGV TTGRKRRCGW LDLVLLKYAH MINGFTALAL TKLDILDMFT EIKVGVAYKL DGEIIPHIP NQEVLNKVEV QYKTLPGWNT DISNARAFKE LPVNAQNYVR FIEDELQIPV KWIGVGKSRE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ADSS adenylosuccinate synthase [Homo sapiens]
Official Symbol	ADSS
Synonyms	ADEH; ADSS2
Gene ID	159
mRNA Refseq	NM_001126.3
Protein Refseq	NP_001117.2
MIM	103060
UniProt ID	P30520

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