



# Recombinant Human Adenylosuccinate synthetase isozyme 2 (ADSS)

<b>Product Code</b>	CSB-EP001398HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P30520
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAFAETYPAA SSLPNGDCGR PRARPPGGRV TVVLGAQWGD EGKGKVVDLL AQDADIVCRC QGGNAGHTV VVDSVEYDFH LLPSGIINPN VTAFINGV V IHLPLFEEA EKNVQKKGKL EGWEKRLIIS DRAHIVDFDH QAADGIQEQQ RQEQAGKNLG TTKKGIGPVY SSKAARGLR MCDLVSDFDG FSERFKVLAN QYKSIYPTLE IDIEGELQKL KGYMEKIKPM VRDGVYFLYE ALHGPPKIL VEGANAALLD IDFGTYPFVT SSNCTVGGVC TGLGMPPQNV GEVYGVVKAY TTRVGIGAFP TEQDNEIGEL LQTRGREFGV TTGRKRRCGW LDLVLLKYAH MINGFTALAL TKLDILDMFT EIKVGVAYKL DGEIIPHIPA NQEVLNKVEV QYKTLPGWNT DISNARAFKE LPVNAQNYVR FIEDELQIPV KWIGVGKSRE SMIQLF
<b>Source</b>	E.coli
<b>Target Names</b>	ADSS
<b>Protein Names</b>	Recommended name: Adenylosuccinate synthetase isozyme 2 Short name= AMPSase 2 Short name= AdSS 2 EC= 6.3.4.4 Alternative name(s): Adenylosuccinate synthetase, acidic isozyme Adenylosuccinate synthetase, liver isozyme S
<b>Expression Region</b>	1-456
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	Adenylosuccinate synthetase catalyzes the first committed step in the conversion of IMP to AMP
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.