



# Recombinant Human Adenylosuccinate synthetase isozyme 2 (ADSS)

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| <b>Product Code</b>      | CSB-MP001398HU   |
| <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<br>EGKGKVVDLL AQDADIVCRC QGGNAGHTV VVDSVEYDFH LLPSGIINPN<br>VTAFINGV V IHLPLFEEA EKNVQKKGKL EGWEKRLIIS DRAHIVFDFH<br>QAADGIQEQQ RQEQAGKNLG TTKKGIGPVY SSKAARGLR MCDLVSDFDG<br>FSERFKVLAN QYKSIYPTLE IDIEGELQKL KGYMEKIKPM VRDGVYFLYE<br>ALHGPPKIL VEGANAALLD IDFGTYPFVT SSNCTVGGVC TGLGMPPQNV<br>GEVYGVVKAY TTRVGIGAFP TEQDNEIGEL LQTRGREFGV TTGRKRRCGW<br>LDLVLLKYAH MINGFTALAL TKLDILDMFT EIKVGVAYKL DGEIIPHIPA<br>NQEVLNKVEV QYKTLPGWNT DISNARAFKE LPVNAQNYVR FIEDELQIPV<br>KWIGVGKSRE SMIQLF |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | ADSS   |
| <b>Protein Names</b>     | Recommended name: Adenylosuccinate synthetase isozyme 2 Short name= AMPase 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.