



# Recombinant Human Isthmin-2 (ISM2)

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| <b>Product Code</b>      | CSB-MP753615HU   |
| <b>Abbreviation</b>      | ISM2   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q6H9L7   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | LPVK KPRLRGPRPG SLTRLAEVSA SPDRPLKEE EEAPLLPRTH<br>LQAEPHQHGC WTVTEPAAMT PGNATPPRTP EVTPLRLELQ KLPGLANTTL<br>STPNPDTQAS ASPDRPLRE EEEARLLPRT HLQAEHLHQHG CWTVTEPAAL<br>TPGNATPPRT QEVTPLLLEL QKLPELVHAT LSTPNPDNQV TIKVVEDPQA<br>EVSIDLLAEP SNPPPQDTLS WLPALWSFLW GDYKGEEKDR APGEKGEEKE<br>EDEDYPSEDI EGEDQEDKEE DEEEQALWFN GTTDNWDQGW<br>LAPGDWVFKD SVSYDYEPQK EWSPWSPCSG NCSTGKQQR<br>RPCGYGCTAT ETRTCDLPSC PGTEDKDTLG LPSEEWKLLA RNATDMHDQD<br>VDSCEKWLNC KSDFLIKYLS QMLRDLPSCP CAYPLEAMDS PVSLQDEHQG<br>RSFRWRDASG PRERLDIYQP TARFCLRSML SGESSTLAAQ HCCYDEDSRL<br>LTRGKGAGMP NLISTDFSPK LHFKFDTPW ILCKGDWSRL HAVLPPNNGR<br>ACTDNPLEEE YLAQLQEAKE Y |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | ISM2   |
| <b>Protein Names</b>     | Recommended name: Isthmin-2 Alternative name(s): Thrombospondin and AMOP domain-containing isthmin-like protein 1 Thrombospondin type-1 domain-containing protein 3  |
| <b>Expression Region</b> | 27-571   |
| <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 of Mature Protein  |
| <b>Target Details</b>    | This protein contains a type 1 thrombospondin domain, which is present in thrombospondin, a number of proteins involved in the complement pathway, as well as in extracellular matrix proteins. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.   |
| <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.

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