



# Recombinant Human Isthmin-2 (ISM2)

<b>Product Code</b>	CSB-YP753615HU
<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. 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 LQAEPHQHGC WTVTEPAAMT PGNATPPRTP EVTPLRLELQ KLPGLANTTL STPNPDTQAS ASPDRPLRE EEEARLLPRT HLQAEHLHQHG CWTVTEPAAL TPGNATPPRT QEVTPLLLEL QKLPELVHAT LSTPNPDNQV TIKVVEDPQA EVSIDLLAEP SNPPPQDTLS WLPALWSFLW GDYKGEEKDR APGEKGEEKE EDEDYPSEDI EGEDQEDKEE DEEEQALWFN GTTDNWDQGW LAPGDWVFKD SVSYDYEPQK EWSPWSPCSG NCSTGKQQR RPCGYGCTAT ETRTCDLPSC PGTEDKDTLG LPSEEWKLLA RNATDMHDQD VDSCEKWLNC KSDFLIKYLS QMLRDLPSCP CAYPLEAMDS PVSLQDEHQG RSFRWRDASG PRERLDIYQP TARFCLRSML SGESSTLAAQ HCCYDEDSRL LTRGKGAGMP NLISTDFSPK LHFKFDTPW ILCKGDWSRL HAVLPPNNGR ACTDNPLEEE YLAQLQEAKE Y
<b>Source</b>	Yeast
<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.

---

**Shelf Life**

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.