



Recombinant Human Isthmin-2 (ISM2)

Product Code	CSB-YP753615HU
Abbreviation	ISM2
Storage	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.
Uniprot No.	Q6H9L7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	LPVK KPRLRGPRPG SLTRLAEVSA SPDPRPLKEE EEAPLLPRTH LQAEPHQHGC WTVTEPAAMT PGNATPPRTP EVTPLRLELQ KLPGLANTTL STPNPDTQAS ASPDPRPLRE EEEARLLPRT HLQAEHQHG 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
Source	Yeast
Target Names	ISM2
Protein Names	Recommended name: Isthmin-2 Alternative name(s): Thrombospondin and AMOP domain-containing isthmin-like protein 1 Thrombospondin type-1 domain-containing protein 3
Expression Region	27-571
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.