

Thrombospondin-2 Protein, Mouse (His)

Cat. No.:	HY-P702563
Synonyms:	Thbs2; Tsp2; Thrombospondin-2
Species:	Mouse
Source:	E. coli
Accession:	Q03350 (G19-A232)
Gene ID:	21826
Molecular Weight:	Approximately 30 kDa

PROPERTIES

AA Sequence	<p> GDHVKDTSFD LFSISNINRK TIGAKQFRGP DPGVPAYRFV RFDYIPPVNT DDLNRIVKLA RRKEGFFLTA QLKQDRKSRG TLLVLEGP GT SQRQFEIVSN GPGDTLDLNY WVEGNQHTNF LEDVGLADSQ WKNVTVQVAS DTYSLYV GCD LIDSVTLEEP FYEQLEVD RS RMYVAKGASR ESHFRGLLQN VHLVFAD SVE DILSKKGCQH SQGA </p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 µm filtered solution of 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Thrombospondin-2 protein is a disulfide-linked homotrimeric adhesion glycoprotein belonging to the thrombospondin family. Thrombospondin-2 is a CD36 ligand with anti-angiogenic properties that mediates cell-cell and cell-matrix interactions. Thrombospondin-2 may regulate cell surface properties of mesenchymal cells and be involved in cell adhesion and migration.
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Caution: Product has not been fully validated for medical applications. For research use only.

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