Active Recombinant Human THBS2 protein, His-tagged

Cat. No. THBS2-0790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THBS2 protein(Gly19-Ile1172), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-1172 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Human CD36, His Tag immobilized on CM5 Chip can bind Human Thrombospondin-2, His Tag with an affinity constant of 21 nM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 129.7 kDa. The protein migrates as 160 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly19-Ile1172
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	THBS2 thrombospondin 2 [Homo sapiens]
Official Symbol	THBS2
Synonyms	THBS2; thrombospondin 2; thrombospondin-2; TSP2;
Gene ID	7058
mRNA Refseq	NM_003247
Protein Refseq	NP_003238
MIM	188061
UniProt ID	P35442

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