

Thrombospondin-1

Catalog No: #AP78594



Package Size: #AP78594-1 50ug #AP78594-2 100ug #AP78594-3 1mg

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Description

Product Name	Thrombospondin-1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	CASGSSSNAKSYRAKMKKKGTT
Other Names	TSP, TSP1
Accession No.	P07996 Gene name: THBS1
Uniprot	P07996
GeneID	7057;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp (By similarity). Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors.

References

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Note: This product is for in vitro research use only