

## Recombinant Human THBS1 Cat No:HR2R2003

For research use only

## Overview

Quantity	0 ?g	
Gene Symbol	THBS1	
Gene ID	N/A	
Accession	P07996	
Alternative Name	TSP, TSP1, THBS1 kecombinant Human Thrombospondin-1 (THBS1)	
Species	Human	
Source		
Description	TSP is an adhesive protein that can bind to many different cell types, including hematopoietic proposesses a number of functional domains that serve as receptor recognizing regions. The amin heparin-binding domain interacts with heparin, other glycosaminoglycans and glycolipids and like specific cell surface proteoglycans. The central disulfide cross-linked region is responsible for his to one of the CD antigens, CD36 . TSP has been demonstrated to bind to integrin-alpha-V, integrin-alpha-2b, integrin-beta-3. The carboxy-terminal region of TSP also contains at least one for a cell receptor. TSP can interact with fibrinogen and fibronectin. TSP appears to be involved regulation of cellular proliferation. It is expressed as an early response gene following treatment various mitogens and cytokines. It modulates the progression of cells through the cell cycle. It as proliferative response to EGF. TSP inhibits endothelial cell chemotactic response to bFGF and reproliferative response to serum and bFGF.	o-terminal ely recognizes gh affinity binding grin-beta-3 and binding epitope intimately in the of cells with ugments the
Functions	Not available at this time	
Formulation	Recombinant Thrombospondin-1 is presented as liquid formulation of 0.3 M NaCl, 0.02 M NaH2	PO4 pH 6.0 .
Solubility	N/A	
Appearance	Liquid	
Molecular Weight	140	
Purity	>95% as determined by SDS-PAGE	
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.	
Shipping Condition	Dry Ice	
Storage	This cytokine should be stored in working aliquots at 2? - 8?C for one year. Avoid freezing.	
Condition	www.bioelsa.com inf	o@bioelsa.c