

Recombinant Mouse Thrombospondin-1(Thbs1)partial

Catalog No: #AP70846

Package Size: #AP70846-1 20ug #AP70846-2 100ug #AP70846-3 1mg

Description

Product Name	Recombinant Mouse Thrombospondin-1(Thbs1)partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-350aaSequence Info:Partial
Accession No.	Q80YQ1
Calculated MW	40.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	NRIPESGGDNGVFDIFELIGGARRGPGRRLLVKGQDLSSPAFRIENANLIPAVPDDKFQDLLDAVWADKGFIFLA SLRQMKKTRGTLLAVERKDNTGQIFSVVSNKGAGTDLDSLPGKQQVSVVEEALLATGQWKSITLFVQEDRA QLYIDCDKMESAELDVPIQSIFTRDLASVARLRVAKGDVNDNFQGVQLQNVRFVFGTTPEDILRNKGCSSSATNV LLTLDNNVVNGSSPAIRTNVYGHKTKDLQAICGLSCDELSSMVLELKGLRTIVTTLQDSIRKVTEENRELVSELKR PPLCFHNGVQYKNNEEWTVDSCTECHCQNSVTICK
Formulation	Tris-based buffer50% glycerol
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.Notes: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. 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.¹ Publication

References

A thrombospondin-dependent pathway for a protective ER stress response.Lynch J.M., Maillet M., Vanhoutte D., Schloemer A., Sargent M.A., Blair N.S., Lynch K.A., Okada T., Aronow B.J., Osinska H., Prywes R., Lorenz J.N., Mori K., Lawler J., Robbins J., Molkenin J.D.Cell
149:1257-1268(2012)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.