

Recombinant human Collagen alpha-1(XVIII) chain

Catalog No: #AP72197



Package Size: #AP72197-1 20ug #AP72197-2 100ug #AP72197-3 1mg

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Description

Product Name	Recombinant human Collagen alpha-1(XVIII) chain
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1578-1754aaSequence Info:Partial
Accession No.	P39060
Uniprot	P39060
GeneID	80781;
Calculated MW	46.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	QPVLHLVALNSPLSGGMRGIRGADFQCFQQARAVGLAGTFRAFLSSRLQDLYSIVRRADRAAVPIVNLKDELL FPSWEALFSGSEGPLKPGARIFSFQKDVLRHPTWPQKSVWHGSDPNRRRLTESYCETWRTEAPSATGQAS SLLGGRLLGQSAASCHHAYIVLCIENSFMTASK
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

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.Endostatin potently inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.

References

The DNA sequence of human chromosome 21.Hattori M., Fujiyama A., Taylor T.D., Watanabe H., Yada T., Park H.-S., Toyoda A., Ishii K., Totoki Y., Choi D.-K., Groner Y., Soeda E., Ohki M., Takagi T., Sakaki Y., Taudien S., Blechschmidt K., Polley A. , Menzel U., Delabar J., Kumpf K., Lehmann R., Patterson D., Reichwald K., Rump A., Schillhabel M., Schudy A., Zimmermann W., Rosenthal A., Kudoh J., Shibuya K., Kawasaki K., Asakawa S., Shintani A., Sasaki T., Nagamine K., Mitsuyama S., Antonarakis S.E., Minoshima S., Shimizu N., Nordsiek G., Hornischer K., Brandt P., Scharfe M., Schoen O., Desario A., Reichelt J., Kauer G., Bloecker H., Ramser J., Beck A., Klages S., Hennig S., Riesselmann L., Dagand E., Wehrmeyer S., Borzym K., Gardiner K., Nizetic D., Francis F., Lehrach H., Reinhardt R., Yaspo M.-L.Nature 405:311-319(2000)Research Topic:Cell Adhesion

Note: This product is for in vitro research use only