

Collagen alpha-1(IV) chain

Catalog No: #AP78433

Package Size: #AP78433-1 50ug #AP78433-2 100ug #AP78433-3 1mg

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Description

Product Name	Collagen alpha-1(IV) chain
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	GSGKKYIGPCGGRDCSVCHCVPEKGSRGPPGPPGPQGPC
Other Names	null
Accession No.	P02462Gene name:COL4A1
Uniprot	P02462
GeneID	1282;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0)
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

Arresten, comprising the C-terminal NC1 domain, inhibits angiogenesis and tumor formation. The C-terminal half is found to possess the anti-angiogenic activity. Specifically inhibits endothelial cell proliferation, migration and tube formation. Inhibits expression of hypoxia-inducible factor 1alpha and ERK1/2 and p38 MAPK activation. Ligand for alpha1/beta1 integrin.

References

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Note: This product is for in vitro research use only