

Recombinant Ovis aries Protransforming growth factor alpha

Catalog No: #AP72814

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Package Size: #AP72814-1 20ug #AP72814-2 100ug #AP72814-3 1mg

Description

Product Name	Recombinant Ovis aries Protransforming growth factor alpha
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-97aaSequence Info:Extracellular Domain
Other Names	EGF-like TGF Short name: ETGF TGF type 1
Accession No.	P98135
Uniprot	P98135
Calculated MW	34.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	ENSTSALSDDPPVAAAIVVSHFNDCPDSTQFCFHGTCTCRLLQEEKPACVCHSGYVGARCEHADLLAVVAASQK KQ
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

TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor,EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar

References

"Growth factor expression in skin during wool follicle development."Sutton R., Ward W.G., Raphael K.A., Cam G.R.Comp. Biochem. Physiol. 110B:697-705(1995)Research Topic:Others

Note: This product is for in vitro research use only