

Recombinant Sheep TGFA Protein (24-97 aa), GST-tagged

Cat. No. TGFA-1538S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Sheep TGFA Protein (24-97 aa) is produced by Yeast expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	Sheep
Source	Yeast
ProteinLength	24-97 aa
Description	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
Form	Tris-based buffer, 50% glycerol
Molecular Mass	34.9 kDa
AA Sequence	ENSTSALSDPPVAAAVVSHFNDPCDSHTQFCFHGTCRLLQEEKPACVCHSGYVGA RCEHADLLAVVAASQKKQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

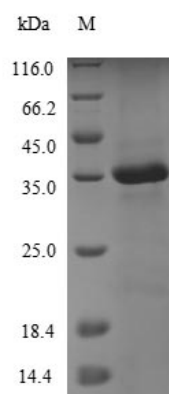
Gene Name TGFA transforming growth factor alpha [*Ovis aries* (sheep)]

Official Symbol TGFA

Synonyms TGF-a;

Gene ID 101106508

UniProt ID P98135



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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