Product datasheet for TP720156

TGF alpha (TGFA) (NM_001099691) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transforming growth factor, alpha (TGFA), transcript variant 2
Species:	Human
Expression Host:	E. coli
Tag:	N-His
Predicted MW:	5.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,1mMPMSF,pH7.4.
Endotoxin:	< 0.1 EU per μg protein as determined by LAL test
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001093161
Locus ID:	7039
UniProt ID:	P01135
Cytogenetics:	2p13.3
Synonyms:	TFGA
Summary:	This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

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Protein Pathways: ErbB signaling pathway, Glioma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Renal cell carcinoma

Product images: