

Product datasheet for **TP762270**

TGF beta Receptor III (TGFB3) (NM_003243) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human transforming growth factor, beta receptor III (TGFB3), transcript variant 1, Gly531-Pro777, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Gly531-Pro777) of TGFB3
Tag:	N-His
Predicted MW:	27.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003234
Locus ID:	7049
UniProt ID:	Q03167
RefSeq Size:	4199
Cytogenetics:	1p22.1
RefSeq ORF:	2553
Synonyms:	betaglycan; BGCAN



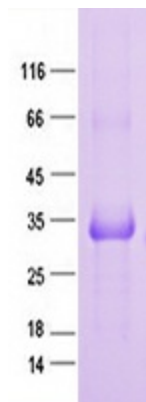
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Summary:

This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFB3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images:

Purified recombinant protein TGFB3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.