

Datasheet for ABIN7281126
TGFBR2 Protein (AA 23-166) (hIgG-His-tag)



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1 Image

Overview

Quantity:	100 µg
Target:	TGFBR2
Protein Characteristics:	AA 23-166
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFBR2 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	TIPPHVQKSV NNDMIVTDNN GAVKFPQLCK FCDVRFSTCD NQKSCMSNCS ITSICEKPQE VCVAVWRKND ENITLETVCH DPKLPYHDFI LEDAASPKCI MKEKKKPGET FFMCS CSSDE CNDNIIFSEE YNTSNPDLLL VIFQLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSV MHE ALHNHYTQKS LSLSPGKHHH HHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

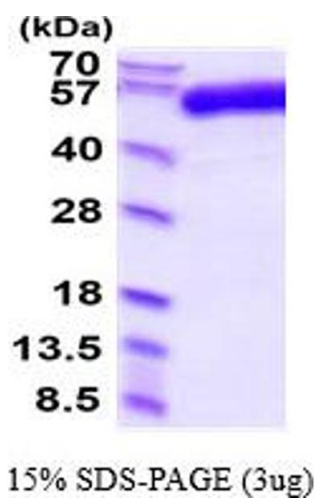
Target:	TGFBR2
Alternative Name:	TGFBR2 (TGFBR2 Products)
Background:	TGFBR2, as known as TGF-beta receptor type-2 isoform B, is a member of the serine and threonine protein kinase family and the TGF beta receptor subfamily. The type-2 receptor binds TGF-beta1 and TGF-beta3 with high affinity, and TGF-beta2 with a much lower affinity. It forms a heterodimeric complex with type1 receptor and is essential for signal transduction. Also, this protein may play an important role in TGF-beta2 binding and signaling in cells lacking TGFBR3. Recombinant human TGFBR2, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	43.3kDa (383aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_003233
UniProt:	P37173

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.