

Product Information

MemDX™ Membrane Protein Human TGFBR3 (Transforming growth factor beta receptor 3)

Full Length

Cat. No.: **MPC3979K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human TGFBR3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TGFBR3

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MTSHYVIAIFALMSSCLATAGPEPGALCELSPVASHPVQALMESFTVLS
GCASRGTTGLPQEVHVLNLRTAGQGPGQLQREVTLHLNPISSVHIHHSV
VFLNLSPLVWHLKTERLATGVSRLFLVSEGSVVQFSSANFSLTAETEE
RNFPHGNEHLLNWARKEYGAVTSFTELKIARNIYIKVGEDQVFPPKCNIG
KNFLSLNYLAEYLQPKAAEGCVMSSQPQNEEVHIIELITPNSNPYSAFQV
DITIDIRPSQEDLEVVKNLILILKCKKSVNWVKSFDVKGSLKIIAPNSI
GFGKESERSMTMTKSIRDIPSTQGNLVKWALDNGYSPITSYTMAPVANR
FHLRLNNAEEMGDEEVHTIPPELRILLDPGALPALQNPPIRGEGQNGG
LPFPFPDISRRVWNEEGEDGLPRPKDPVPSIQLFPGLREPEEVQGSVDI
ALSVKCDNEKMIVAVEKDSFQASGYSGMDVTLDDPTCKAKMNGTHFVLES
PLNGCGTRPRWSALDGVVYNSIVIQVPALGDSSGWPDPGYEDLESGDNGF
PGDMDEGDASLFTRPEIVVFNCSLQQVRNPSSFQEQPHGNITFNMELYNT
DLFLVPSQGVFSVPENGHVYVEVSVTKAEQELGFAIQTCFISPYSNPDRM
SHYTIENICPKDES VKFYSPKRVHFPQPQADMDKKRFSFVKPFVNTSL
LFLQCELTCTKMEKHPQKLPKCVPPDEACTSLDASIIWAMMQNKKFTFK
PLAVIHHEAESKEKGPSMKPNPISPIFHGLDTLTVMGIAFAAFVIGAL
LTGALWYIYSHTGETAGRQQVPTSPPASENSSAAHSIGSTQSTPCSSSST
A

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

TGFBR3

Full Name

Transforming growth factor beta receptor 3

Introduction

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 TGFBR3, 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.

Alternative Names

TGFBR3; BGCAN; betaglycan; transforming growth factor beta receptor type 3; TGF-beta receptor type 3; TGF-beta receptor type III; TGFR-3; betaglycan proteoglycan; transforming growth factor beta receptor III; Transforming growth factor beta receptor 3

Gene ID

[7049](#)

UniProt ID

[Q03167](#)