

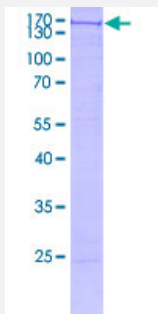
Full-Length

TGS1 (Human) Recombinant Protein (P02)

Catalog # H00096764-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TGS1 full-length ORF (AAI60105.1, 1 a.a. - 853 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MCCEKWSRVAEMFLFIEEREDCKILCLCSRAFVEDRKLYNLGLKGYIIRDSGNNSGDQATEEEEEEG
GYSCGTAESHDSKGIGLDESELDSEAELMRSMGLPLQFGRITAHKDFEVS MNTRNKVKIKKKKHQ
KKYLDEIVQESWRKEYEEDDILASDDPSSIEQYENTRTYELQSKKDTETENPPVENTLSPKLEITEK
WEKYWNEYGGGLLWQSWQEKHPGQALSSEPWNFPDTKEEWEQHYSQLYWYYLEQFQYWEAQ
GWTFDASQSCD TDYTSKTEADDDKNDEKCMKVDLVSPSPIMVDNDSSGTSDDKHSEILDGIS
NIKLNSEEVTSQQLDSC TSHDGHQQLSEVSSKRECPASGQSEPRNGGTNEESNSSGNTNTDPP
AEDSQKSSGANTSKDRPHASGTDGDESEEDPPEHKPSKLRSHELDIDENPASDFDDSGSLLG
FKYGSQKQYGGIPNF SHRQVRYLEKNVKLKS KYLDMRRQIKMKNKHIFFTKESEKPFFKSKILSK
VEKFLTWVNKPMDEEASQESSHDNVHDASTSSDSEEQDMSVKKGDDLLETNNPEPEKQCSV
SSAGELETENYERDSLLATVPDEQDCVTQEV PDSRQAETEA EVKKKKNNKKNNKVNGLPPEIAA
VPELAKYWAQRYRLFSRFDDGIKLDREGWFSVTPEKIAEHIAGRVSQSFKCDVVVDAFCGVGGN
TIQFALTGM RVIADIDPVKIALARNNAEYGIADKIEFICGDFLLASFLKADV VFLSPPWGGPDYAT
AETFDIRTMMSPDGFEIFRLSKKITNNIVYFLPRNADIDQVASLAGPGGQVEIEQNFLNNKLKTITAYF
GDLIRRPASET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

120.3

Interspecies Antigen Sequence

Mouse (73); Rat (72)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TGS1

Entrez GeneID	96764
GeneBank Accession#	BC160105.1
Protein Accession#	AA160105.1
Gene Name	TGS1
Gene Alias	DKFZp762A163, FLJ22995, NCOA6IP, PIMT, PIPMT
Gene Description	trimethylguanosine synthase homolog (S. cerevisiae)
Omim ID	606461
Gene Ontology	Hyperlink
Other Designations	PRIP-interacting protein PIPMT PRIP-interacting protein with methyltransferase domain SEREX-defined nuclear receptor coactivator 6 interacting protein trimethylguanosine synthase homolog

Disease

- [Diabetes Mellitus](#)
- [Tobacco Use Disorder](#)