

Recombinant Human TM2D1 Protein, GST-tagged

Cat. No. TM2D1-103H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BBP full-length ORF (AAH29486.1, 33 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a beta-amyloid peptide-binding protein. It contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily and known to be important in heterotrimeric G protein activation. Beta-amyloid peptide has been established to be a causative factor in neuron death and the consequent diminution of cognitive abilities observed in Alzheimers disease. This protein may be a target of neurotoxic beta-amyloid peptide, and may mediate cellular vulnerability to beta-amyloid peptide toxicity through a G protein-regulated program of cell death.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	44.88 kDa
AA Sequence	WGAVATSAGGEESLKCEDLKVGQYICKDPKINDATQEPVNCTNYTAHVSCFPAPNIT CKDSSGNETHFTGNEVGFFKPISCRNVNGYSYKVAVALSLFLGWLGADRFYLGYP LGLLKFACTVGF CGIGSLIDFILISMQIVGPSD GSSYIIDYYGTRLRLSITNETFRKTQLY P

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	TM2D1 TM2 domain containing 1 [Homo sapiens]
Official Symbol	TM2D1
Synonyms	TM2D1; TM2 domain containing 1; TM2 domain-containing protein 1; BBP; hBBP; beta-amyloid-binding protein;
Gene ID	83941
mRNA Refseq	NM_032027
Protein Refseq	NP_114416
MIM	610080
UniProt ID	Q9BX74

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