

Recombinant Full Length Human TM2D1 Protein, GST-tagged

Cat. No. TM2D1-1582HF **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	In Vitro Cell Free System
ProteinLength	33-207 amino acids
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	WGAVATSAGG EESLKCEDLK VGQYICKDPK INDATQEPVN CTNYTAHVSC FPAPNITCKD SSGNETHFTG NEVGFFKPIS CRNVNGYSYK VAVALSLFLG WLGADRFYLG YPALGLLKFC TVGFCGIGSL IDFILISMQI VGPSDGSSYI

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IDYYGTRLTR LSITNETFRK TQLYP

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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