

Full-Length

TIGD4 (Human) Recombinant Protein (P01)

Catalog # H00201798-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human TIGD4 full-length ORF (AAH37869.1, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEASVDASTLPVTVKKKKSLSEEEKIDINAVESGKKKAEIAAEYGIKKNSLSSIMKNKDKVLEAFE
SLRFDPKRKRLRTAFYTDLEEALMRWYRIAQCLNVPVNGPMLRLKANDFAQKLGHNDFKCSNGW
LDRFKSRYGLVFRAQPVEATGVPVDPSTVWYQNVLPYYLNDYHPKNVFNKETGLLYRMLPTNTFA
FKGETCSVGKLCCKDRITLVVGTNMDGSEKPLLVIGKKRTPHCFKGLKSLPVCYEANRMAWMTS
DVFEQWMRKLDEEFQAQQRVVIFVESFPAHPEVKNLKSIELAFFPSCLSKCIAMKQGVKSLKI
KYRHCLIKKFLSSVEGSKEFTFSLDDAVDTLHLCWRAVTPETVKSYYEAGFKSQKGESDITNAEK
DTGLDLVADALGAGVEFPEGLSIEEYAALDDDLETCEAAPNGDSVCTKESKSDETGFYTSDEED
DDGSPGTELPLPSKSEAITALDTLKKFLRSQDMNDGLQNSLADLENFINSLSPK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.9

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 — TIGD4

Entrez GeneID[201798](#)**GeneBank Accession#**[BC037869.2](#)**Protein Accession#**[AAH37869.1](#)**Gene Name**

TIGD4

Gene Alias

MGC43837

Gene Description

tigger transposable element derived 4

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known. [provided by RefSeq]

Other Designations

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