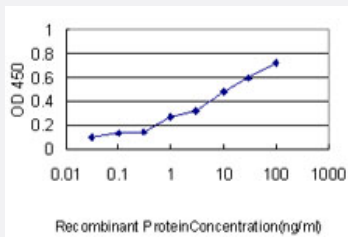


TUFM monoclonal antibody (M01), clone 3C1

Catalog # H00007284-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TUFM is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TUFM.
Immunogen	TUFM (AAH01633, 40 a.a. ~ 455 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PLLCRGLAVEAKKTYVRDKPHVNVGTIGHVDHGKTTTAATTKILAEGGGAKFKKYEEIDNAPEER ARGITINAAHVEYSTAARHYAHTDCPGHADYVKNMITGTAPLDGCILVVAANDGMPQTREHLLLA RQIGVEHVVVVYNKADAVQDSEMVLELEIRELLTEFGYKGEETPVIVGSALCALEGRDPELGLK SVQKLLDAVDITYVPARDLEKPFLLPVEAVYSVPGRGTVVTGTLERGLKKGDECELLGHSKNIRT VVTGIEMFHKSLERAEGDNLGALVRGLKREDLRRGLVMVKPGSIKPHQKVEAQVYLSKEEGGR HKPFVSHFMPVMFSLTWDMACRIILPPEKELAMPGEDLKFNLILRQPMILEKGQRFTLRDGNRTIGT GLVTNTLAMTEEEKNIKWG
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TUFM is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TUFM

Entrez GeneID [7284](#)

GeneBank Accession# [BC001633](#)

Protein Accession# [AAH01633](#)

Gene Name TUFM

Gene Alias COXPD4, EF-TuMT, EFTU, P43

Gene Description Tu translation elongation factor, mitochondrial

Omim ID [602389 610678](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. A pseudogene has been identified on chromosome 17. [provided by RefSeq]

Other Designations -

Publication Reference

- [Autoantibody signature in human ductal pancreatic adenocarcinoma.](#)

Tomaino B, Cappello P, Capello M, Fredolini C, Ponzetto A, Novarino A, Ciuffreda L, Bertetto O, De Angelis C, Gaia E, Salacone P, Milella M, Nistico P, Alessio M, Chiarle R, Giuffrida MG, Giovarelli M, Novelli F.

Journal of Proteome Research 2007 Sep; 6(10):4025.

Application: WB-Ti, Human, Human pancreatic cancer