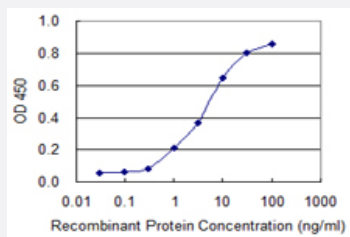


TIMM8B monoclonal antibody (M03), clone 3C8

Catalog # H00026521-M03

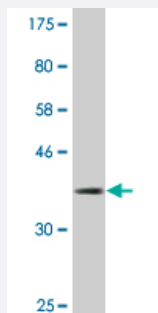
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMM8B is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.87 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TIMM8B.
Immunogen	TIMM8B (NP_036591, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAELGEADEAELQRLVAAEQQKAQFTAQVHHFMELCWDKCVEKPGNRLDSRTENCLSSCVDR FIDTTLAITSRFAQVQKGGQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.87 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIMM8B is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TIMM8B

Entrez GeneID	26521
GeneBank Accession#	NM_012459
Protein Accession#	NP_036591
Gene Name	TIMM8B
Gene Alias	DDP2, FLJ21744, MGC102866, MGC117373, TIM8B
Gene Description	translocase of inner mitochondrial membrane 8 homolog B (yeast)
Omim ID	606659
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of a well-conserved family of proteins with similarity to yeast Tim mitochondrial import proteins. This gene is encoded by a nuclear gene and is transported into the intermembrane space of the mitochondrion. When formed into complexes, these proteins guide membrane-spanning proteins across the mitochondrial intermembrane space before they are added into the mitochondrial inner membrane. This gene is adjacent to succinate dehydrogenase, subunit D (SDHD), in which mutations have been found in affected members of families with hereditary paraganglioma

Other Designations

mitochondrial import inner membrane translocase subunit Tim8 B|translocase of inner mitochondrial membrane 8 homolog B

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)