

Full-Length

SAMD4B (Human) Recombinant Protein (P01)

Catalog # H00055095-P01

Size 50 ug

Specification

Product Description Human SAMD4B full-length ORF (AAH54518.1, 1 a.a. - 694 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMFRDQVGILAGWFKGWNECEQTVALLSLLKRVTRTQARFLQLCLEHSLADCNDIHLLESEANS
AAVSQWQQESKEKVVSLLLSHLPLLQPGNTEAKSEYMRLQKVLAYSIESNAFIEESRQLLSYALI
HPATTLEDNALALWLSHLEERLASGFRSRPEPSYHSRQGSDEWGGPAELGPGEAGPGWQDK
PPRENGHVPFHPSSSVPPAINSIGSNANTGLPCQIHPSPLKRMSLIPTSPQVPGEWPSPEELGA
RAAFTTPDHAPLSPQSSVASSGSEQTEEQGSSRNTFQEDGSGMKDVPSWLKSLRLHKYAALFS
QMSYEEMMTLTEQHLESQNVTKGARHKIALSIQKLRRQSVLKSLEKDVLEGGNLRNALQELQQIII
TPIKAYSVLQATVAAATTTPTAKDGAPGEPPLPGAEPPLAHPGTDKGTEAKDPPAVENYPPPPAP
APTGDGSEPAPAPVADGDIPSQFTRVMGKVCTQLLVSRPDEENITSLQLIEKCLTHEAFTETQKKR
LLSWKQQVLKLLRTFPRKAALEMQNYRQQKGWAFGSNSLPIAGSVGMGVARRTQRQFPMPPRA
LPPGRMGLLSPSGIGGVSPRHALTSPSLGGQGRQNLWFANPGGSNSMPSQSRSSVQRTHSLPV
HSSPQAILMFPPDCPVPDPDLEINPTLESCLSMTEHALGDGTDKTSTI

Host Wheat Germ (in vitro)

Theoretical MW (kDa) 101.9

Interspecies Antigen Sequence Mouse (96); Rat (96)

Preparation Method [in vitro wheat germ expression system](#)

Purification Glutathione Sepharose 4 Fast Flow

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 — SAMD4B

Entrez GeneID [55095](#)

GeneBank Accession# [BC054518.1](#)

Protein Accession# [AAH54518.1](#)

Gene Name SAMD4B

Gene Alias FLJ10211, MGC99832, SMGB

Gene Description sterile alpha motif domain containing 4B

Gene Ontology [Hyperlink](#)

Other Designations smaug homolog B

Disease

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