

Recombinant Mouse Safb Protein, His&GST-tagged

Cat. No. Safb-2042M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Safb Protein (Ala2-Ser235) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala2-Ser235
Description	Enables RNA polymerase II cis-regulatory region sequence-specific DNA binding activity and chromatin binding activity. Involved in positive regulation of transcription by RNA polymerase II. Acts upstream of or within hormone metabolic process; intracellular estrogen receptor signaling pathway; and regulation of growth. Predicted to be located in midbody and nucleoplasm. Predicted to be active in nucleus. Is expressed in several structures, including central nervous system; future brain; olfactory epithelium; reproductive system; and retina layer. Orthologous to human SAFB (scaffold attachment factor B).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.2 kDa Accurate Molecular Mass: 70 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Safb scaffold attachment factor B [Mus musculus (house mouse)]
Official Symbol	Safb
Synonyms	SAFB; scaffold attachment factor B; scaffold attachment factor B1; HAP; HET; SAFB1; D18386; SAF-B1; AU018122; E130307D12; 3110021E02Rik; 5330423C17Rik;
Gene ID	224903
mRNA Refseq	NM_001163300
Protein Refseq	NP_001156772
UniProt ID	D3YXK2

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