# Recombinant Mouse Safb Protein, His&GST-tagged

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

## SPECIFICATION

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| **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<br>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

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| **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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