

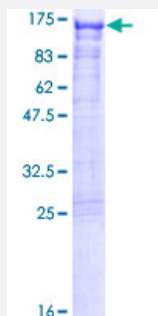
Full-Length

SAPS2 (Human) Recombinant Protein (P01)

Catalog # H00009701-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SAPS2 full-length ORF (NP_055493.2, 1 a.a. - 932 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFWKFDLNTTSHVDKLLDKEHVTLQELMDEDDILQECKAQNQKLLDFLCRQQCMEELVSLITQD
PPLDMEEKVRFKYPNTACELLTCDVPQISDRLGGDESLLSLLYDFLDHEPPLNPLLASFFSKTIGN
LIARKTEQVITFLKKKDKFISLVLKHIGTSALMDLLLRLVSCVEPAGLRQDVLHWLNEEKVIQRLVELI
HPSQDEDRQSNASQTLCDIVRLGRDQGSQLEALEPDPLLTALESQDCVEQLLKNMFDGDRTE
SCLVSGTQVLLTLETRRVGTEGLVDSFSQGLERSYAVSSSVLHGIEPRLKDFHQLLLNPPKKKAI
LTTIGVLEEPLGNARLHGARLMAALLHTNTPSINQELCRLNTMDLLDLFFKYTWNNFLHFQVELCI
AAILSHAAREERTEASGSESRVEPPHENGNRSLQTPQPAASLPDNTMVTHLFQKCLVQRILEAW
EANDHTQAAGGMRRGNMGHLTRIANAVVQNLERGPVQTHISEVIRGLPADCRGRWESFVEETLT
ETNRRNTVDLAFSDYQIQQMTANFVDQFGFNDEEFADQDDNINAPFDRAEINFNIDADEDSPSAA
LFEACCSDRIQPFDDDEDEDIWDSDTRCAARVMARPRFGAPHASESCSKNGPERGGQDGKA
SLEAHRDAPGAGAPPAPGKKEAPPVEGDSEGAMWTAVFDEPANSTPTAPGVVRDVGSSVWA
AGTSAPEEKGWAKFTDFQPFCCSESGPRCSPVDTECSHAEGSRSQGPEKAFSPASPCAWN
VCVTRKAPLLASDSSSSGGSHSEGDGQKAASAMDAVSRGPGREAPPLPTVARTEEA VGRVGC
ADSRLLSPACPAPKEVTAAPAVAVPPEATVAITLALSKAGPAIPTPAVSSALAVAVPLGPIMAVTA
APAMVATLGTVTGDKGTDAPPEGAALNGPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

127.6

Interspecies Antigen Sequence

Mouse (81); Rat (81)

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

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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 — SAPS2

Entrez GeneID[9701](#)**GeneBank Accession#**[NM_014678.3](#)**Protein Accession#**[NP_055493.2](#)**Gene Name**

SAPS2

Gene Alias

KIAA0685, PP6R2, SAP190, dJ579N16.1

Gene Description

SAPS domain family, member 2

Omim ID[610877](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

Protein phosphatase regulatory subunits, such as SAPS2, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS2 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 300141) (Stefansson and Brautigan, 2006 [PubMed 16769727]).[supplied by OMIM]

Other Designations

-