Recombinant human Probable global transcription activator SNF2L2

Catalog No: #AP72787

Package Size: #AP72787-1 20ug #AP72787-2 100ug #AP72787-3 1mg

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Description

Product Name	Recombinant human Probable global transcription activator SNF2L2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:700-1216aaSequence Info:Partial
Other Names	ATP-dependent helicase SMAR;CA2BRG1-associated factor 190B ;BAF190BProtein brahma homolog
Accession No.	P51531
Uniprot	P51531
GeneID	6595;
Calculated MW	61.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SYYTVAHAISERVEKQSALLINGTLKHYQLQGLEWMVSLYNNNLNGILADEMGLGKTIQTIALITYLMEHKRLNG PYLIIVPLSTLSNWTYEFDKWAPSVVKISYKGTPAMRRSLVPQLRSGKFNVLLTTYEYIIKDKHILAKIRWKYMIV DEGHRMKNHHCKLTQVLNTHYVAPRRILLTGTPLQNKLPELWALLNFLLPTIFKSCSTFEQWFNAPFAMTGER VDLNEEETILIIRRLHKVLRPFLLRRLKKEVESQLPEKVEYVIKCDMSALQKILYRHMQAKGILLTDGSEKDKKGK GGAKTLMNTIMQLRKICNHPYMFQHIEESFAEHLGYSNGVINGAELYRASGKFELLDRILPKLRATNHRVLLFC QMTSLMTIMEDYFAFRNFLYLRLDGTTKSEDRAALLKKFNEPGSQYFIFLLSTRAGGLGLNLQAADTVVIFDSD WNPHQDLQAQDRAHRIGQQNEVRVLRLCTVNSVEEKILAAAKYKLNVDQKVIQAGMFDQKSSSHERRAF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Belongs to the neural progenitors-specific chromatin rodeling complex (npBAF complex) and the neuron-specific chromatin rodeling complex (nBAF complex). During neural development a switch from a st,progenitor to a postmitotic chromatin rodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural st,progenitor cells to postmitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A,BAF53A and PHF10,BAF45A, are exchanged for homologous alternative ACTL6B,BAF53B and DPF1,BAF45B or DPF3,BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal,proliferative capacity of the multipotent neural st cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth .

References

A human homologue of Saccharomyces cerevisiae SNF2,SWI2 and Drosophila brm genes potentiates transcriptional activation by the glucocorticoid receptor.Muchardt C., Yaniv M.EMBO J. 12:4279-4290(1993)Research Topic:Neuroscience

Note: This product is for in vitro research use only