

Product datasheet

Recombinant Human SMARCA6 protein ab114875

1 Image

Description

Product name	Recombinant Human SMARCA6 protein
Expression system	Wheat germ
Accession	<u>Q9NRZ9</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MFGSSEKETIELSPTGRPKRRTRKSINYSKIDDFPNELEKLI SIIQPEVD RERAVVEVNIPVESEVNLKLNIMMLLRKCCNHPYLIEYPID PVTQEFKI DEELVTNSGKFLILDRMLPELKKRGHKVLLFSQMTSMLDIL MDYCHLRDF NFSRLDGMSYSEREKNMHSFNTDPEVFIFLVSTRAGGL GINLTAADTVI YDSDWNPQSDLQAQDRCHRIGQTKPVVVYRLVTANTIDQ KIVERAAAKR KLEKLIHKNHFKGGQSGLNLSKNFLDPKELMELLKSRDYE REIKGSREK VISDKDLELLLDLDRSDLIDQMNASGPIKEKMGIFKILENSED SPECLF
Predicted molecular weight	64 kDa including tags
Amino acids	1 to 348

Specifications

Our **Abpromise guarantee** covers the use of **ab114875** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function

Plays an essential role in normal development and survival. Involved in regulation of the expansion or survival of lymphoid cells. Required for de novo or maintenance DNA methylation. May control silencing of the imprinted CDKN1C gene through DNA methylation. May play a role in formation and organization of heterochromatin, implying a functional role in the regulation of transcription and mitosis.

Tissue specificity

Highly expressed in proliferative tissues such as adult thymus and testis, and expressed at lower levels in uterus, small intestine, colon, and peripheral blood mononuclear cells. Also expressed in neoplastic cell lines including those derived from myeloid and lymphoid leukemias.

Sequence similarities

Belongs to the SNF2/RAD54 helicase family.

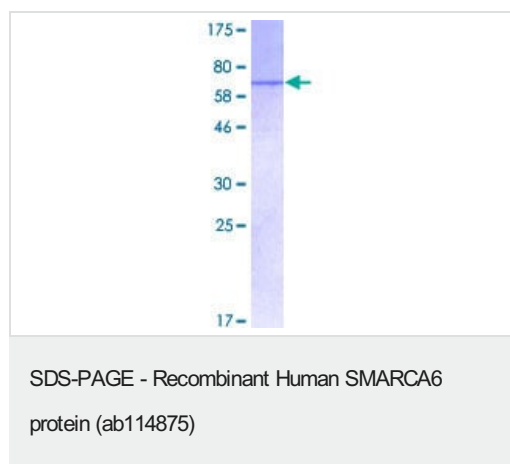
Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Cellular localization

Nucleus. Closely associated with pericentric heterochromatin.

Images



12.5% SDS-PAGE showing ab114875 at approximately 64.39kDa.

Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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