SRCAP (human), (recombinant)

SRCAP is a subunit of the SRCAP complex that mediates ATP-dependent exchange of histone H2AZ/H2B dimers for nucleosomal H2A/H2B leading to transcriptional regulation. It belongs to a family of SNF2-related nucleosome remodeling enzymes (DNA-dependent ATPases). These ATP-dependent motor proteins are major factors of chromatin structure and transcriptional control in vivo. SNF2-related factors have been implicated in a variety of cancers in humans.

Ordering Information

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ENZ-PRT350-0050	50µl

Manuals, SDS & CofA

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Handling & Storage

Handling	Thaw and freeze quickly, in room-temperature water bath and liquid nitrogen, respectively; keep on ice when not in storage; split in small aliquots upon first thawing; avoid excessive freeze-thaw cycles.
Long Term Storage	-80°C
Shipping	Dry Ice

Product Details

Alternative Name	Helicase SRCAP, DOMO1, DOMH2, EAF1, FLHS, KIAA0309, SWR1
Formulation	Liquid. In 20 mM Tris-HCl, pH 7.9, 150 mM NaCl, 15% glycerol, 2 mM $MgCl_2$, 0.2 mM EDTA, 1 mM DTT, 10 mM beta-glycerophospate, 0.4 mM PMSF, 1 mM benzamidine and 0.4 mg/ml recombinant human insulin.
MW	~329 kDa
Purity Detail	Purified by immunoaffinity chromatography.
Source	Produced in insect (Sf9) cells. Human SRCAP (aa 2-3070) fused to 6xHis and FLAG-tag at the N-terminus.
UniProt ID	Q6ZRS2-3

Last modified: March 27, 2025

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