

Recombinant Human SMARCA5 protein, GST-tagged

Cat. No. SMARCA5-3322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA5 protein(703-1052 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	703-1052 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	FTMDTESSVYNFEGEDYREKQKIAFTIEWIEPPKRERKANYAVDAYFREALRVSEPKA PKAPRPPKQPNVQDFQFFPRLFELLEKEILFYRKTIGYKVPRNPPELPNAAQAQKEE QLKIDEAESLNDEELEEKEKLLTQGFTNWNKRDFNQFIKANKEWGRDDIENIAREVE GKTPEEVIEYSVFWERCNELQDIEKIMAQIERGEARIQRRISIKKALDTKIGRYKAPF HQLRISYGTKNGKKNYTEEEDRFLICMLHKLGFDKENVYDEL RQCIRNSPQFRFDWFL KSRTAMELQRRCNTLITLIERENMELEEKEKAEEKKRGPKPSTQKRKMDGAPDGRG RKKKLKL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.
GENE INFORMATION	
Gene Name	SMARCA5 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 [Homo sapiens]
Official Symbol	SMARCA5
Synonyms	SMARCA5; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5; hISWI; hSNF2H; ISWI; sucrose nonfermenting-like 5; sucrose nonfermenting protein 2 homolog; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5; SNF2H; WCRF135;
Gene ID	8467
mRNA Refseq	NM_003601
Protein Refseq	NP_003592
MIM	603375
UniProt ID	O60264

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SDS-PAGE

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