Recombinant Human SMARCA4 protein, GST-tagged

Cat. No. SMARCA4-2861H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMARCA4 protein(accession number NP_003063.2)(1448-1569 aa) was expressed in E. coli and contains an N-terminal GST-Tag.
Species	Human
Source	E.coli
ProteinLength	1448-1569 aa
Form	Supplied in 25 mM Tris pH 7.4, 150 mM NaCl, 5% glycerol.
Bio-activity	3.3 μM histone peptide H4K5/8/12/16(4Ac) was incubated with SMARCA4 / BRG1 (1448-1569) protein in reaction buffer including 50 mM HEPES-NaOH pH 7.0, 0.1% BSA for 1 hour at room temperature. Anti-GST antibody was used to detect reaction products.
Molecular Mass	41.6 kDa
Purity	>90% pure by SDS-PAGE.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

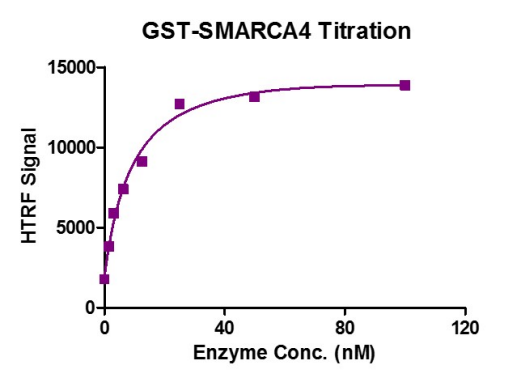
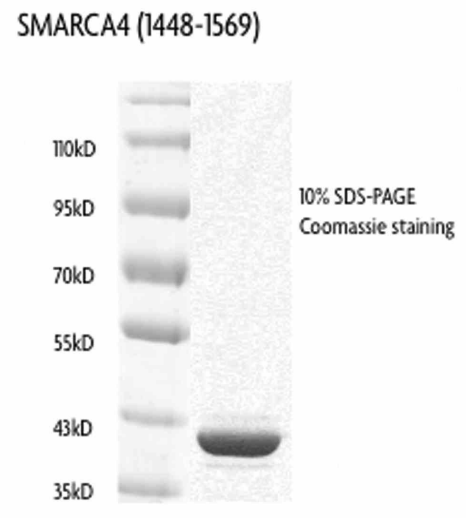
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SMARCA4 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 [Homo sapiens]
Official Symbol	SMARCA4
Synonyms	SMARCA4; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4; SNF2L4; transcription activator BRG1; ATP dependent helicase SMARCA4; BAF190; brahma protein like 1; BRG1; BRM/SWI2 related gene 1; FLJ39786; global transcription activator homologous sequence; homeotic gene regulator; hSNF2b; mitotic growth and transcription activator; nuclear protein GRB1; SNF2; SNF2 BETA; SNF2 like 4; SNF2LB; sucrose nonfermenting like 4; SWI2; BAF190A; SNF2-like 4; protein BRG-1; brahma protein-like 1; BRM/SWI2-related gene 1; protein brahma homolog 1; BRG1-associated factor 190A; sucrose nonfermenting-like 4; ATP-dependent helicase SMARCA4; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 4; RTPS2; SNF2-BETA;
Gene ID	6597
mRNA Refseq	NM_001128844
Protein Refseq	NP_001122316
MIM	603254
UniProt ID	P51532

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Activity	
SDS-PAGE	

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