



Recombinant Human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 (SMARCD1)

Product Code	CSB-YP846627HU
Abbreviation	SMARCD1
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.
Uniprot No.	Q96GM5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAARAGFQSV APSGGAGASG GAGAAAALGP GGTPGPPVVM GPAPGQGLYR SPMPGAAAYPR PGMLPGSRMT PQGPSMGPPG YGGNPSVRPG LAQSGMDQSR KRPAPQQIQQ VQQQAVQNRN HNAKKKKMAD KILPQRIREL VPESQAYMDL LAFERKLDQT IMRKRLDIQE ALKRPIKQKR KLRIFISNTF NPAKSDAEDG EGTVASWELR VEGRLLEDSA LSKYDATKQK RKFSSFFKSL VIELDKDLYG PDNHLVEWHR TATTQETDGF QVKRPGDVNV RCTVLLMLDY QPPQFKLDPR LARLLGIHTQ TRPVIIQALW QYIKTHKLQD PHEREFVICD KYLQQIFESQ RMKFSEIPQR LHALLMPPEP IINHVISVD PNDQKKTACY DIDVEVDDTL KTQMNSFLLS TASQQEIATL DNKIHETIET INQLKTQREF MLSFARDPQG FINDWLQSQC RDLKTM TDVV GNPEEERRAE FYFQPWAQEA VCRYFYSKVQ QRRQELEQAL GIRNT
Source	Yeast
Target Names	SMARCD1
Protein Names	Recommended name: SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 Alternative name(s): 60 kDa BRG-1/Brm-associated factor subunit A BRG1-associated factor 60A Short name= BAF60A SWI/SNF
Expression Region	1-515
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those



genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and has sequence similarity to the yeast Swp73 protein. Two transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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