

Recombinant Human SATB2 Protein, His-tagged

Cat. No. SATB2-2674H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SATB2 Protein (Lys350-His672) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys350-His672
Description	This gene encodes a DNA binding protein that specifically binds nuclear matrix attachment regions. The encoded protein is involved in transcription regulation and chromatin remodeling. Defects in this gene are associated with isolated cleft palate and cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.6 kDa Accurate Molecular Mass: 44 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SATB2 SATB homeobox 2 [Homo sapiens (human)]
Official Symbol	SATB2
Synonyms	SATB2; SATB homeobox 2; SATB family member 2; DNA-binding protein SATB2; FLJ21474; KIAA1034; special AT-rich sequence-binding protein 2; FLJ32076; MGC119474; MGC119477;
Gene ID	23314
mRNA Refseq	NM_001172509
Protein Refseq	NP_001165980
MIM	608148

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UniProt ID

Q9UPW6

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