

Recombinant Human SYNE1 Protein, His-tagged

Cat. No. SYNE1-377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYNE1(Lys30~Pro283) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys30~Pro283
Description	This gene encodes a spectrin repeat containing protein expressed in skeletal and smooth muscle, and peripheral blood lymphocytes, that localizes to the nuclear membrane. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia 8, also referred to as autosomal recessive cerebellar ataxia type 1 or recessive ataxia of Beauce. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	32.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

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.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

SYNE1 spectrin repeat containing, nuclear envelope 1 [Homo sapiens]

Official Symbol

SYNE1

Synonyms

SYNE1; spectrin repeat containing, nuclear envelope 1; C6orf98, chromosome 6 open reading frame 98; nesprin-1; 8B; ARCA1; CPG2; dJ45H2.2; enaptin; KIAA0796; MYNE1; Nesprin 1; SCAR8; SYNE 1B; nesprin 1; synaptic nuclei expressed gene 1; myocyte nuclear envelope protein 1; synaptic nuclear envelope protein 1; EDMD4; C6orf98; FLJ30878; FLJ41140; KIAA1262; KIAA1756; DKFZp781J13156;

Gene ID

23345

mRNA Refseq

NM_033071

Protein Refseq

NP_149062

MIM

608441

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UniProt ID

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