

Recombinant Human SYNE2 Protein, His-tagged

SYNE2-376H Human

Lot. No. (See product label)

Specification

Product Overview	Recombinant Human SYNE2(Glu6~Gln296) fused with His tag at N-terminal was expressed in E. coli.
Description	The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene.
Source	E. coli
Species	Human
Tag	His
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	40.3kDa
Protein length	Glu6~Gln296
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Purity	>98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. 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	SYNE2 spectrin repeat containing, nuclear envelope 2 [Homo sapiens]
Official Symbol	SYNE2
Synonyms	SYNE2; spectrin repeat containing, nuclear envelope 2; nesprin-2; DKFZP434H2235; KIAA1011; Nesprin 2; NUA; NUANCE; SYNE 2; nesprin 2; polytrophin; synaptic nuclei expressed gene 2;

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synaptic nuclear envelope protein 2; nuclear envelope spectrin repeat protein 2; nucleus and actin connecting element protein; EDMD5; TROPH; SYNE-2; Nesprin-2; FLJ11014; FLJ43727; FLJ45710; FLJ46790; DKFZp434H2235; DKFZp686H1931; DKFZp686E01115;

Gene ID	23224
mRNA Refseq	NM_015180
Protein Refseq	NP_055995
MIM	608442
UniProt ID	Q8WXH0

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