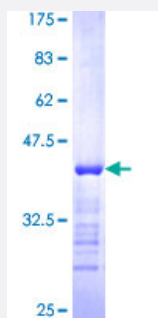


SYNE2 (Human) Recombinant Protein (Q01)

Catalog # H00023224-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SYNE2 partial ORF (NP_055995, 6702 a.a. - 6799 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CRRELMQLEKELVERQPQVDMLQEISNSLLIKGHGEDCIEAEEKVHVIEKKLKQLREQVSQDLMA LQGTQNPASPLPSFDEVDSGDQPPATSVAPRA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (69)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SYNE2

Entrez GeneID	23224
GeneBank Accession#	NM_015180
Protein Accession#	NP_055995
Gene Name	SYNE2
Gene Alias	DKFZp434H2235, DKFZp686E01115, DKFZp686H1931, FLJ11014, FLJ43727, FLJ45710, FLJ46790, KIAA1011, NUA, NUANCE, Nesprin-2, SYNE-2
Gene Description	spectrin repeat containing, nuclear envelope 2
Omim ID	608442
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	nesprin 2 nucleus and actin connecting element synaptic nuclei expressed gene 2

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)