Recombinant Rat Sptan1, His-tagged

Cat. No. Sptan1-37R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sptan1 (Trp1004~Arg1181) fussed with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	1004-1181 a.a.
Description	Sptan1 is a filamentous protein that plays an important role in membrane organization.
Molecular Mass	22.0kDa
Purity	> 95%
Applications	SDS-PAGE, Western Blot, ELISA, Immunoprecipitation
Usage	For Research Use Only
Storage	Can be stored at 4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

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Gene Name	Sptan1 spectrin, alpha, non-erythrocytic 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Sptan1
Synonyms	A2a; IPF; Spna2; spectrin alpha chain, non-erythrocytic 1; a--fodrin; alpha II spectrin; alpha-II spectrin; alpha-fodrin; alpha-spectrin 2; brain alpha-spectrin; fodrin alpha chain; inhibitory protein factor; noerythroid alpha-spectrin 2; nonerythroid alpha-spectrin 2; spectrin alpha chain, brain; spectrin, non-erythroid alpha chain
Gene ID	64159
mRNA Refseq	NM_171983
Protein Refseq	NP_741984
UniProt ID	P16086
Chromosome Location	3p12
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem
Function	actin binding; calcium ion binding; protein N-terminus binding

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