

Recombinant Human SEPTIN5 Protein (Ser77-Ser323), N-His tagged

Cat. No. SEPTIN5-5446H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human SEPTIN5 (Ser77-Ser323) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser77-Ser323
Description	This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB; platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced.
Form	Lyophilized powder/frozen liquid
Molecular Mass	30.95 kDa

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Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	SEPTIN5 septin 5 [Homo sapiens (human)]
Official Symbol	SEPTIN5
Synonyms	SEPTIN5; septin 5; H5; SEPT5; CDCREL; PNUTL1; CDCREL1; CDCREL-1; Septin-5; HCDCREL-1; septin-5; cell division control related protein 1; peanut-like 1; platelet glycoprotein Ib beta chain; EC 3.1.5.1
Gene ID	5413
mRNA Refseq	NM_002688
Protein Refseq	NP_002679
MIM	602724

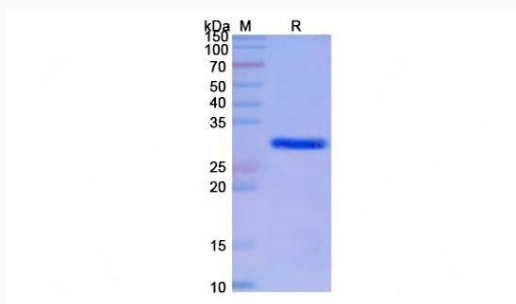
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UniProt ID Q99719

SDS-PAGE



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