

Recombinant Human SPAG11B Protein, MYC/DDK-tagged

Cat. No. SPAG11B-2509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPAG11B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes several androgen-dependent, epididymis-specific secretory proteins. The specific functions of these proteins have not been determined, but they are thought to be involved in sperm maturation. Some of the isoforms contain regions of similarity to beta-defensins, a family of antimicrobial peptides. The gene is located on chromosome 8p23 near the defensin gene cluster. Alternative splicing of this gene results in seven transcript variants encoding different isoforms. Two different N-terminal and five different C-terminal protein sequences are encoded by the splice variants. Two additional variants have been described, but their full length sequences have not been determined.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	12.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	SPAG11B sperm associated antigen 11B [Homo sapiens]
Official Symbol	SPAG11B
Synonyms	EDDM2B; EP2; EP2C; EP2D; HE2; HE2C; SPAG11
Gene ID	10407
mRNA Refseq	NM_016512
Protein Refseq	NP_057596
MIM	606560
UniProt ID	Q08648

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