

Recombinant Human SPATA5 Protein, MYC/DDK-tagged

Cat. No. SPATA5-2575H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPATA5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ATPase associated with diverse activities family, whose members are defined by a highly conserved ATPase domain. Members of this family participate in diverse cellular processes that include membrane fusion, DNA replication, microtubule severing, and protein degradation. The protein encoded by this gene has a putative mitochondrial targeting sequence and has been proposed to function in maintenance of mitochondrial function and integrity during mouse spermatogenesis. Allelic variants in this gene have been associated with epilepsy, hearing loss, and mental retardation syndrome. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	97.7 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	SPATA5 spermatogenesis associated 5 [Homo sapiens]
Official Symbol	SPATA5
Synonyms	AFG2; EHLMRS; SPAF
Gene ID	170576
MIM	613940
UniProt ID	Q8NB90

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