

Recombinant Human ATL1 Protein, MYC/DDK-tagged

Cat. No. ATL1-2943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATL1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a GTPase and a Golgi body transmembrane protein. The encoded protein can form a homotetramer and has been shown to interact with spastin and with mitogen-activated protein kinase kinase kinase 4. This protein may be involved in axonal maintenance as evidenced by the fact that defects in this gene are a cause of spastic paraplegia type 3. Three transcript variants encoding two different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	63.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ATL1 atlastin GTPase 1 [Homo sapiens]
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Official Symbol	ATL1
Synonyms	AD-FSP; atlastin1; FSP1; GBP3; HSN1D; SPG3; SPG3A
Gene ID	51062
mRNA Refseq	NM_001127713
Protein Refseq	NP_001121185
MIM	606439
UniProt ID	Q8WXF7

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