

Recombinant Human ATL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATL3-3787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATL3 MS Standard C13 and N15-labeled recombinant protein (NP_056274) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a family of dynamin-like, integral membrane GTPases. The encoded protein is required for the proper formation of the network of interconnected tubules of the endoplasmic reticulum. Mutations in this gene may be associated with hereditary sensory neuropathy type IF. Alternatively spliced transcript variants that encode distinct isoforms have been described.
Molecular Mass	60.4 kDa
AA Sequence	MLSPQRVAAAASRGADDAMESSKPGPVQVVLVQKDQHSFELDEKALASILLQDHIR DLDVVVSVAGAFRKGKSFILDFMLRYLSQKESGHSNWLGDPEEPLTGFSWRGG SDPETTGIQIWSEVFTVEKPGGKKVAVVLMQTGAFDSQSTVKDCATIFALSTMTSS VQIYNLSQNIQEDDLQQLQLFTEYGRLAMDEIFQKPFQTLMLVRDWSFPYEYSYGL QGGMAFLDKRLQVKEHQHEEIQNVRNHIHSCFSDVTCFLPHPLQVATSPDFDGK LKDIAGEFKEQLQALIPYVLNPSKLMEKEINGSKVTCTGRLLEYFKAYIKIYQGEDLPHP KSMLQATAEANNLAAAASAKDIYYNNMEEVCGGEKPYLSPDILEEKHCEFKQLALDH FKKTCKMGGKDFSFYQQELEEIEIKELYENFCKHNGSKNVFSTFRTPAVLFTGIVAL

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YIASGLTGFIGLEVVAQLFNCMVGLLLIALLTWGYIRYSGQYRELGGAIDFGAAYVLE
QASSHIGNSTQATVRDAVVGRPSMDKKAQTRTRPLEQKLISEEDLAANDILDYKDDD
DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ATL3 atlastin GTPase 3 \[Homo sapiens \(human\) \]](#)

Official Symbol [ATL3](#)

Synonyms ATL3; atlastin GTPase 3; atlastin-3; DKFZP564J0863; atlastin 3; DKFZp564J0863;

Gene ID [25923](#)

mRNA Refseq [NM_015459](#)

Protein Refseq [NP_056274](#)

MIM [609369](#)

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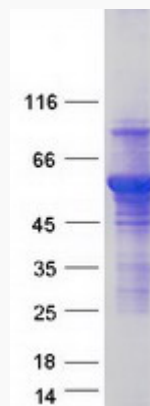
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UniProt ID

Q6DD88

SDS-PAGE

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