

Recombinant Full Length Human ATL3 Protein, GST-tagged

Cat. No. ATL3-2585HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DKFZP564J0863 full-length ORF (NP_056274.3, 1 a.a. - 541 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	541 amino acids
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. [provided by RefSeq, Feb 2014]
Molecular Mass	86.9 kDa
AA Sequence	MLSPQRVAAAASRGADDAMESSKPGPVQVVLVQKDQHSFELDEKALASILLQDHIR DLDVVVSVAGAFRKGKSFILDFMLRYLYSQKESGHSNWLGDPEEPLTGFSWRGG SDPETTGIQIWSEVFTVEKPGGKKVAVVLMQTQGAFFDSQSTVKDCATIFALSTMTSS VQIYNLSQNIQEDDLQQLQLFTEYGRILAMDEIFQKPFQTLMLVRDWSFPYEYSYGL QGGMAFLDKRLQVKEHQHEEIQNVNRNHIHSCFSDVTCFLPHPLQVATSPDFDGGK LKDIAGEFKEQLQALIPYVLNPSKLMEKEINGSKVTCTRGLEEFKAYIKIYQGEDLPHF KSMLQATAEANNLAAAASAKDIYYNNMEEVCGGKPYLSPDILEEKHCEFKQLALDH

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FKKTKKMGGKDFSFRYQQELEEEIKELYENFCKHNGSKNVFSTFRTPAVLFTGIVAL
YIASGLTGFIGLEVVAQLFNCMVGLLLIALLTWGYIRYSGQYRELGGAIDFGAAYVLE
QASSHIGNSTQATVRDAVVGRPSMDKKAQ

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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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UniProt ID

Q6DD88

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