

Product Datasheet

Recombinant Human ATG16L1 GST (N-Term) Protein H00055054-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00055054-P01-2ug

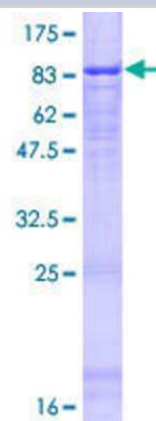
Recombinant Human ATG16L1 GST (N-Term) Protein

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	84.7 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-523 of Human ATG16L1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MAQLRIKHQEELTELHKKRGELAQLVIDLNNQMQRKDREMQMNEAKIAECLQTI SDLETECLDLRKLCDLERANQTLKDEYDALQITFTALEGKLRKTTEENQELVTR WMAEKAQEANRLNAENEKDSRRRQARLQKELAEAAKEPLPVEQDDDDIEVIVDE TSDHTEETSPVRAISRAATKRLSQPAGGLLDSITNIFGRRSVSSFPVPQDNVDT HPGSGKEVRVPATALCVFDAHDGEVNAVQFSPGSRLLATGGMDRRVKLWEVF GEKCEFKGSLSGSNAGITSIEFDSAGSYLLAASNDFASRIWTVDDYRLRHTLTG HSGKVLSAKFLLDNARIVSGSHDRTLKLWDLRSKVCIKTVFAGSSCNDIVCTEQ CVMSGHFDKKIRFWDIRSEIVREMELLGKITALDLNPERTELLSCSRD DLLKVI DLRTNAIKQTF SAPGFKCGSDWTRVVFSPDGSYVAAGSAEGSLYIWSVLTGKV EKVLSKQHSSINAVAWSPSGSHVVSVDKGCKAVLWAQY</p>
Gene ID	55054
Gene Symbol	ATG16L1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Diamanti MA, Gupta J, Bennecke M et al. IKKalpha controls ATG16L1 degradation to prevent ER stress during inflammation. *J Exp Med* 2017-02-01 [PMID: 28082356]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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