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Datasheet for ABIN1345984

ATG7 Protein (AA 1-100) (GST tag)

1 Image

1 Publication

Overview

Quantity:	10 µg
Target:	ATG7
Protein Characteristics:	AA 1-100
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG7 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	APG7L (Human) Recombinant Protein (Q01)
Sequence:	MAAATGDPGL SKLQFAPFSS ALDVGFWHEL TQKKLNEYRL DEAPKDIKGY YYNGDSAGLP ARLTLEFSAF DMSAPTPARC CPAIGTLYNT NTLESFKTAD
Characteristics:	Human APG7L partial ORF (NP_006386, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	ATG7
Alternative Name:	ATG7 (ATG7 Products)

Target Details

Background:	Full Gene Name: ATG7 autophagy related 7 homolog (S. cerevisiae) Synonyms: APG7-LIKE,APG7L,DKFZp434N0735,GSA7
Gene ID:	10533
NCBI Accession:	NM_006395
Pathways:	Response to Water Deprivation, Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Cheng, Kim, Oo, Kareva, Yarygina, Rzhetskaya, Wang, During, Tallozy, Tanaka, Komatsu, Kobayashi, Okano, Kholodilov, Burke: "Akt suppresses retrograde degeneration of dopaminergic axons by inhibition of macroautophagy." in: The Journal of neuroscience : the official journal of the Society for Neuroscience , Vol. 31, Issue 6, pp. 2125-35, (2011) (PubMed).
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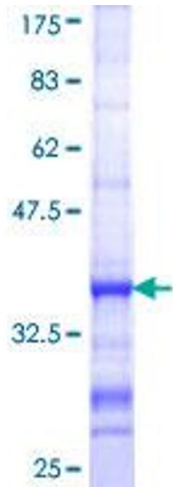


Image 1.