

Recombinant Human WIPI1, GST-tagged

Cat. No. WIPI1-3733H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WIPI1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	346-446aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	WIPI1 WD repeat domain, phosphoinositide interacting 1 [Homo sapiens]
Official Symbol	WIPI1
Synonyms	WIPI1; WD repeat domain, phosphoinositide interacting 1; WD repeat domain phosphoinositide-interacting protein 1; Atg18; ATG18A; FLJ10055; WIPI49; WIPI 49 kDa; WIPI-1 alpha; atg18 protein homolog; WD40 repeat protein Interacting with phospholinositides of 49kDa; WD40 repeat protein interacting with phosphoinositides

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	of 49 kDa; ATG18;
Gene ID	55062
mRNA Refseq	NM_017983
Protein Refseq	NP_060453
MIM	609224
UniProt ID	Q5MNZ9
Chromosome Location	17q24.2
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Unfolded Protein Response, org
Function	androgen receptor binding; estrogen receptor binding; phosphatidylinositol-3,5-bisphosphate binding; phosphatidylinositol-3-phosphate binding; receptor binding;