

Recombinant Human ZRANB1 Protein (M1-E708), His tagged

Cat. No. ZRANB1-1332S Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZRANB1(M1-E708 end)-TEV-8His Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-E708
Description	Ubiquitin thioesterase, which specifically hydrolyzes 'Lys-29'-linked and 'Lys-33'-linked diubiquitin. Also cleaves 'Lys-63'-linked chains, but with 40-fold less efficiency compared to 'Lys-29'-linked ones. Positive regulator of the Wnt signaling pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription. Acts as a regulator of autophagy by mediating deubiquitination of PIK3C3/VPS34, thereby promoting autophagosome maturation. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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centigrade.

Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping

It is shipped out with blue ice.

GENE INFORMATION

Gene Name

ZRANB1 zinc finger, RAN-binding domain containing 1 [Homo sapiens (human)]

Official Symbol

ZRANB1

Synonyms

ZRANB1; zinc finger, RAN-binding domain containing 1; ubiquitin thioesterase ZRANB1; TRABID; hTrabid; TRAF-binding protein domain; TRAF-binding domain-containing protein; zinc finger Ran-binding domain-containing protein 1; DKFZp762P2216;

Gene ID

54764

mRNA Refseq

NM_017580

Protein Refseq

NP_060050

MIM

611749

UniProt ID

Q9UGI0

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