

Active Recombinant Full Length Human OTUB2 Protein, N-His tagged

Cat. No. OTUB2-13HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Ubiquitin thioesterase OTUB2 was expressed in E. coli cells using an N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	Full Length
Description	This gene encodes one of several deubiquitylating enzymes. Ubiquitin modification of proteins is needed for their stability and function; to reverse the process, deubiquityling enzymes remove ubiquitin. This protein contains an OTU domain and binds Ubal (ubiquitin aldehyde); an active cysteine protease site is present in the OTU domain.
Bio-activity	> 22 nmol/min/mg
Molecular Mass	30 kDa
Purity	> 95%
Stability	One year at -70 centigrade from date of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µL

Storage Buffer Recombinant protein stored in 50 mM sodium phosphate, pH 7.0 300 mM NaCl 150 mM imidazole 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol.

Shipping Dry ice

GENE INFORMATION

Gene Name OTUB2 OTU deubiquitinase, ubiquitin aldehyde binding 2 [Homo sapiens (human)]

Official Symbol OTUB2

Synonyms OTUB2; OTU deubiquitinase, ubiquitin aldehyde binding 2; OTB2; OTU2; C14orf137; ubiquitin thioesterase OTUB2; OTU domain, ubiquitin aldehyde binding 2; OTU domain-containing ubiquitin aldehyde-binding protein 2; deubiquitinating enzyme OTUB2; otubain-2; ubiquitin-specific protease otubain 2; ubiquitin-specific-processing protease OTUB2; EC 3.4.19.12

Gene ID 78990

mRNA Refseq NM_023112

Protein Refseq NP_075601

MIM 608338

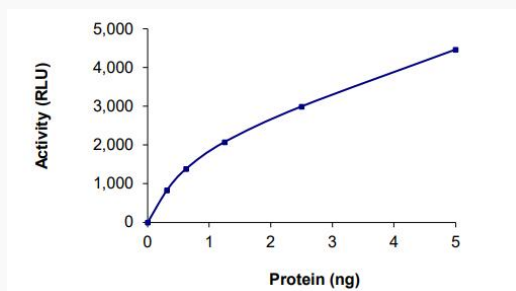
UniProt ID Q6IA10

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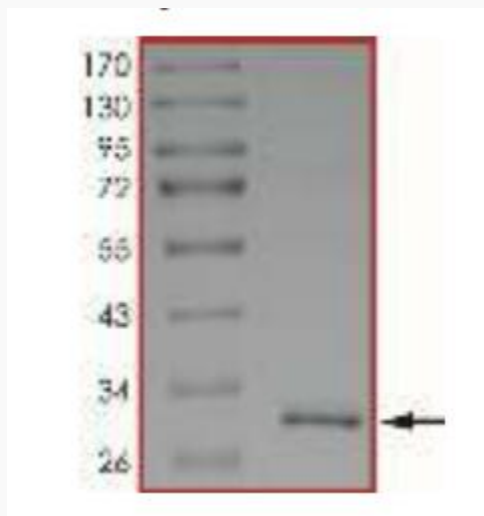
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Activity



The specific activity of OTUB2 was determined to be > 22 nmol/min/mg as per activity assay protocol.

Purity



The purity of OTUB2 was determined to be > 95% by densitometry.