

Recombinant Human USP46 Protein (M1-E366), His/GST tagged

Cat. No. USP46-0383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-GST-TEV-USP46(M1-E366 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-E366
Description	Deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. May act by mediating the deubiquitination of GAD1/GAD67. Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity. Not involved in deubiquitination of monoubiquitinated FANCD2.
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 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 USP46 ubiquitin specific peptidase 46 [Homo sapiens (human)]

Official Symbol USP46

Synonyms USP46; ubiquitin specific peptidase 46; ubiquitin specific protease 46; ubiquitin carboxyl-terminal hydrolase 46; FLJ12552; ubiquitin thioesterase 46; deubiquitinating enzyme 46; ubiquitin thiolesterase 46; ubiquitin-specific-processing protease 46; FLJ11850; FLJ14283; FLJ39393;

Gene ID 64854

mRNA Refseq NM_001134223

Protein Refseq NP_001127695

MIM 612849

UniProt ID P62068

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