

Recombinant Human USP46 Protein, GST-His-tagged

Cat. No. USP46-419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP46, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP46 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	68.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	USP46 ubiquitin specific peptidase 46 [Homo sapiens]
Official Symbol	USP46

 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

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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