9051 Mira Mesa Blvd, #910094
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USP15 Human

Ubiquitin Specific Peptidase 15 Human Recombinant
RCP2527

Product Overview

Name	USP15 Human
Description	
Ubiquitin Specific Peptidase 15 Human Recombinant	
Accession (Primary)	Q9Y4E8
Synonyms	
Ubiquitin Specific Peptidase 15, Ubiquitin Carboxyl-Terminal Hydrolase 15, Deubiquitinating Enzyme 15, Ubiquitin-Specific-Processing Protease 15, Ubiquitin Specific Protease 15, Ubiquitin Thiolesterase 15, KIAA0529, UNPH4, UNPH-2, EC 3.4.19.12, EC 3.1.2.15.	
Introduction	
USP15 belongs to the ubiquitin specific protease (USP) family of deubiquitinating enzymes which has a vital role in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. USP15 connects with the COP9 signalosome, and takes part in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms of this gene are known, and a pseudo gene of USP15 is sited on the long arm of chromosome 2.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The USP15 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAEGGAA DLDTQRSDIA TLLKTSLRKG DTWYLVDSRW FKQWKKYVGF DSWDKYQMGD QNVYPGPIDN SGLLKDGDAQ SLKEHLIDEL DYILLPTEGW NKLVSWYTLM EGQEPIARKV	

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VEQGMFVKHC KVEVYLTELK LCENGNMNNV VTRRFSKADT IDTIEKEIRK IFSIPDEKET RLWNKYMSNT

FEPLNKPDST IQDAGLYQGQ VLVIEQKNED GTWPRGPSTP KKPLEQSC

Precautions

USP15 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y4E8)