

32-5203: Recombinant Human Ubiquitin Specific Peptidase 15

Alternative Name :

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.

Description

Source : Escherichia Coli. USP15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (1-235) and having a molecular mass of 29.5kDa. USP15 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 10 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : The USP15 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMAEGGAA DLDTQRSDIA TLLKTSLRKG DTWYLVDSRW
FKQWKKYVGF DSWDKYQMGD QNVYGPIDN SGLLKDGDAQ SLKEHLIDEL DYILLPTEGW
NKLVSWYTLM EGQEPIARKV VEQGMFVKHC KVEVYLTELK LCENGMNNV VTRRFKADT IDTIEKEIRK
IFSIPDEKET RLWNKYMSNT FEPLNKPST IQDAGLYQGQ VLVIEQKNED GTWPRGPSTP KKPLETEQSC