

## 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 :** MGS SHHHHHH S SGLVPRGSH MGSMAEGGAA DLD TQRSDIA TLLK TSLRKG DTWYLVD SRW  
FKQWK KYVGF DSWDKYQMGD QNVYGPIDN SGLLKD GDAQ SLKEHLIDEL DYILLPTEGW  
NKLVS WYTLM EGQEPIARKV VEQGMFVKHC KVEVYLTELK LCENGMNNV VTRRFKADT IDTIEKEIRK  
IFSIPDEKET RLWNKYMSNT FEPLNKP DST IQDAGLYQGQ VLVIEQKNED GTWPRGPSTP KKP LEQSC

