

## 32-5204: Recombinant Human Ubiquitin Specific Peptidase 46

**Alternative Name :** Ubiquitin carboxyl-terminal hydrolase 46,Deubiquitinating enzyme 46,Ubiquitin thioesterase 46,Ubiquitin-specific-processing protease 46,USP46.

### Description

Source : Escherichia Coli. USP46 Human Recombinant produced in E. coli is. a single polypeptide chain containing 389 amino acids (1-366) and having a molecular mass of 44.8kDa. USP46 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. USP46 is a part of a large family of cysteine proteases that function as deubiquitinating enzymes which interacts with WDR48 to have a high activity. USP46 operates by mediating the deubiquitination of GAD1/GAD67.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The USP46 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**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 :** MGSSHHHHH SSGLVPRGSH MGSMTVRNIA SICNMGTNAS ALEKDIGPEQ FPINEHYFGL VNFNTCYCN SVLQALYFCR PFRENVLAYK AQQKKENLL TCLADLFHSI ATQKKKVGVI PPKKFISRLR KENDLFDNYM QQDAHEFLNY LLNTIADILQ EEKQEKQNG KLKNGNMNEP AENNKPELTW VHEIFQGTLT NETRCLNCET VSSKDEDFLD LSV DVEQNTS ITHCLRDFSN TETLCSEQY YCETCCSKQE AQKRMVKKL PMILALHLKR FKYMEQLHRY TKLSYRVVFP LELRLFNTSS DAVNLDRMYD LVAVVVHCGS GPNRGHYITI VKSHGFWLLF DDDIVEKIDA QAIEEFYGLT SDISKNESEG YILFYQSRE.

