



Recombinant Human OTU domain-containing protein 5 (OTUD5)

Product Code	CSB-EP850298HU-B
Abbreviation	OTUD5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96G74
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MTILPKKKPP PPDADPANEP PPPGPMPPAP RRGGGVGVGG GGTGVGGGDR DRDSGVVGAR PRASPPPQGP LPGPPGALHR WALAVPPGAV AGPRPQQASP PPCGGPGGGPG GPGGDALGAA AAGVGAAGVV VGVGGAVGVG GCCSGPGHSK RRRQAPGVGA VGGGSPEREE VGAGYNSEDE YEAAAARIEA MDPATVEQQE HWFEKALRDK KGFIIKQMK E DGACLFRAVA DQVYGDQDMH EVVRKHCMYD LMKNADYFSN YVTEDFTTYI NRKRKNNCHG NHIEMQAMAE MYNRPVEVYQ YSTGTSAVEP INTFHGIHQN EDEPIRVSYH RNIHNSVNVN PNKATIGVGL GLPSFKPGFA EQSLMKNAIK TSEESWIEQQ MLEDKKRATD WEATNEAIEE QVARESILQW LRDQEKQARQ VRGPSQPRKA SATCSSATAA ASSGLEEWTS RSPRQRSSAS SPEHPELHAE LGMKPPSPGT VLALAKPPSP CAPGTSSQFS AGADRATSPL VSLYPALECR ALIQQMSPSA FGLNDWDDDE ILASVLAVSQ QEYLDISMKKN KVHRDPPPK S</p>
Source	E.coli
Target Names	OTUD5
Protein Names	Recommended name: OTU domain-containing protein 5 EC= 3.4.19.12 Alternative name(s): Deubiquitinating enzyme A Short name= DUBA
Expression Region	1-571
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and the encoded protein has been shown to suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor protein. Cleavage results in disassociation of



the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been described.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.