

## Recombinant Human OTUB2

Catalog No: C242

<b>Description</b>	Recombinant Human Ubiquitin Thioesterase OTUB2 is produced by our E.coli expression system and the target gene encoding Met1-His234 is expressed with a GST tag at the N-terminus.
<b>Source</b>	E.coli
<b>Alternative name</b>	Ubiquitin Thioesterase OTUB2; Deubiquitinating Enzyme OTUB2; OTU Comain-Containing Ubiquitin Aldehyde-Binding Protein 2; Otubain-2; Ubiquitin-Specific-Processing Protease OTUB2; OTUB2; C14orf137; OTB2; OTU2
<b>Accession No.</b>	Q96DC9
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, pH 7.5 .
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Amino Acid Sequence</b>	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQS MAIRYIADKHNMLGGC PKERAEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFM LYDALDVVLYMDPMC LDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGQWQATFGGGDHPKSDLVPRGSHMSETSFNLISE KCDILSILRDHPENRIYR RKIEELSKRFTAIRKTKGDGNCFYRALGYSYLESLLGKSREIFKFKERVLTQPNDLLAAGFEEHKFRNFF NAFYSVVELVEKDGSVSS LLKVFNDQSASDHIVQFLRLTSAFIRNRADFFRHFIIDEEMDIKDFCTHEVEPMATECDHIQITALSQALS IALQVEYVDEMDTAL NHHVFPEAATPSVYLLYKTSHYNILYAADKH
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze---thaw cycles.
<b>Background</b>	Ubiquitin Thioesterase OTUB2 belongs to the peptidase C65 family, functions as a hydrolase that can remove conjugated ubiquitin from proteins in vitro, may plays an important regulatory role at the level of protein turnover by preventing degradation. OTUB2 is expressed at higher levels in the brain.

