



# Recombinant Protein Technical Manual

## Recombinant Human OTUB2 Protein (GST Tag)

RPES1901

### Product Data:

**Product SKU:** RPES1901

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q96DC9

### Protein Information:

**Molecular Mass:** 53.6 kDa

**AP Molecular Mass:** 52 kDa

**Tag:** N-GST

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, pH 7.5 .

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** 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

## Immunogen Information:

**Sequence:** Met 1-His234

## Background:

Ubiquitin Thioesterase OTUB2 belongs to the peptidase C65 family, functions as a hydrolase that can remove conjugated ubiquitin from proteins *in vitro*, may play an important regulatory role at the level of protein turnover by preventing degradation. OTUB2 is expressed at higher levels in the brain.