

**UBE2L6, 1-152aa, Human, His tagged, Recombinant, E.coli**

**Cat.NO.: TP04390**

3th Edition

**Synonyms:**UBCH8, RIG-B, Ubiquitin conjugating enzyme E2L 6, UBE2L6, Ubiquitin conjugating enzyme E2L 6 MGC40331, Retinoic acid induced gene B protein, RIG B, UBCH 8, Ubiquitin carrier protein, Ubiquitin carrier protein L6

**Description:**Ubiquitin-conjugating enzyme E2L6 (UBE2L6), also known as Ubch8, is a member of the E2 ubiquitin-conjugating enzyme family. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination of a protein substrate requires the concerted action of 3 classes of enzymes: E1 ubiquitin-activating enzymes, E2 ubiquitin-conjugating enzymes, and E3 ubiquitin protein ligases. The E2 ubiquitin-conjugating enzyme is highly similar in primary structure to the enzyme encoded by UBE2L3 gene. Recombinant human UBE2L6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid in 20mM Tris pH 8.0, 1mM DTT, 0.1mM PMSF, 10% glycerol

**Molecular Weight:**21.7kDa (188aa), confirmed by MALDI-TOF.

**Sequences:**

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.