

## 32-8340: Recombinant Human Polyubiquitin-B/UBB (N-GST, 6His)

**Gene :** UBB  
**Gene ID :** 7314  
**Uniprot ID :** P0CG47

### Description

Source: E. coli.  
MW :40.9kD.

Recombinant Human Polyubiquitin-B is produced by our E.coli expression system and the target gene encoding Met153-Gly228 is expressed with a GST, 6His tag at the N-terminus. Polyubiquitin-B(UBB) is one of Ubiquitins. Ubiquitin is one of the most conserved proteins known in eukaryotic organisms. Ubiquitin is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  
**Storage condition :** 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.  
**Amino Acid :** MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKTQSMAIRYIA  
DKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRIAYSKDFETLKVDLFLSKLPEMLKMFEDRLCHKTYLNGDHVTH  
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDGSTS  
GSGHHHHHSAGLVPRGSTAIGMKETAALKFERQHMDSPDLGTGGGSGDDDDKSPMGYRGSMSQIFVKTLTG  
KTITLEVEPSDTIENVKAKIQDKEGIPPDQQLIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLGG

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.