

## 32-17884: Recombinant Human B7-H3 Protein, mFc Tag

**Uniprot ID :** Q5ZPR3

**Alternative Name :** B7H3, CD276, 4Ig-B7-H3

### Description

Molecular Characterization: B7-H3?Gly27-Thr461?+mFc?Pro99-Lys330?

Molecular Weight: The protein has a predicted molecular mass of 72.8 kDa after removal of the signal peptide. The apparent molecular mass of B7-H3-mFc is approximately 70-100 kDa due to glycosylation.

Description: Recombinant human B7-H3 protein with C-terminal mouse Fc tag

The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.