

## 32-17837: Recombinant Human DAP10 Protein, hFc Tag

**Uniprot ID :** Q9UBK5  
**Alternative Name :** HCST, KAP10, PIK3AP

### Description

Molecular Characterization: DAP10(Gln19-Pro48) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 29.1 kDa after removal of the signal peptide. The apparent molecular mass of DAP10-hFc is approximately 25-55 kDa due to glycosylation.

Description: Recombinant human DAP10 protein with C-terminal human Fc tag

This gene encodes a transmembrane signaling adaptor that contains a YxxM motif in its cytoplasmic domain. The encoded protein may form part of the immune recognition receptor complex with the C-type lectin-like receptor NKG2D. As part of this receptor complex, this protein may activate phosphatidylinositol 3-kinase dependent signaling pathways through its intracytoplasmic YxxM motif. This receptor complex may have a role in cell survival and proliferation by activation of NK and T cell responses. Alternative splicing results in two transcript variants encoding different isoforms.

### 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.