PRODUCT INFORMATION

Target	DAP10
Synonyms	HCST;KAP10;PIK3AP
Description	Recombinant human DAP10 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9UBK5
Expression Host	HEK293
Tag	C-Human Fc Tag
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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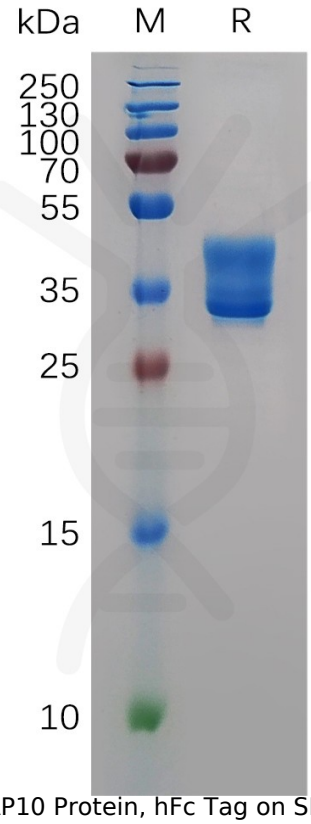


Figure 1. Human DAP10 Protein, hFc Tag on SDS-PAGE under reducing condition.

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