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32-18309: Human WFDC1 Protein, hFc Tag

Uniprot ID : Q9HC57
Alternative Name : PS20

Description

Description :Recombinant Human WFDC1 Protein with C-terminal human Fc tag
Background: This gene encodes a member of the WAP-type four disulfide core domain family. The WAP-type four-disulfide core domain contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is mapped to chromosome 16q24, an area of frequent loss of heterozygosity in cancers, including prostate, breast and hepatocellular cancers and Wilms' tumor. This gene is downregulated in many cancer types and may be involved in the inhibition of cell proliferation. The encoded protein may also play a role in the susceptibility of certain CD4 memory T cells to human immunodeficiency virus infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Description: Recombinant Human WFDC1 Protein with C-terminal human Fc tag
Molecular Characterization: WFDC1(Lys32-Gln220) hFc(Glu99-Ala330)
Molecular Weight :The protein has a predicted molecular mass of 46.9 kDa after removal of the signal peptide. The apparent molecular mass of WFDC1-hFc is approximately 55-70 kDa due to glycosylation.
Tag :C-Human Fc Tag

Product Info

Amount :	50 µg / 100 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
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.

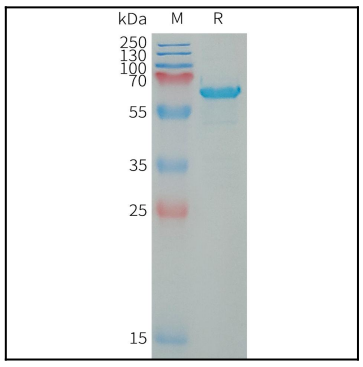


Figure 1.Human WFDC1 Protein, hFc Tag on SDS-PAGE under reducing condition.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.