PRODUCT INFORMATION

Target	WFDC1
Synonyms	PS20
Description	Recombinant Human WFDC1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9HC57
Expression Host	HEK293
Tag	C-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.
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 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]
Usage	Research use only
Conjugate	Unconjugated

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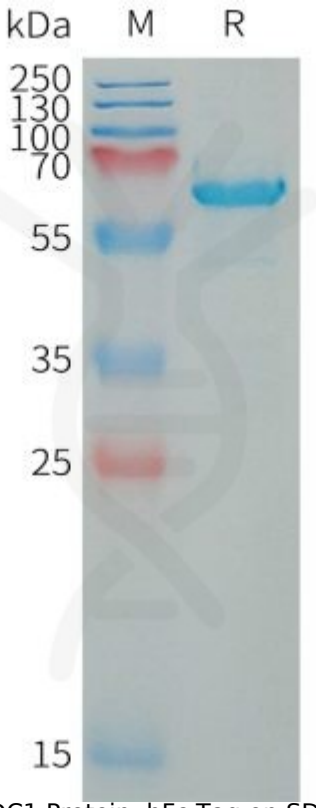


Figure 1.Human WFDC1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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