PRODUCT INFORMATION

Target	CD39
Synonyms	NTPDase 1;Ecto-ATPDase 1;Ecto-ATPase 1;Ecto-apyrase;ENTPD1
Description	Recombinant human CD39 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P49961
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD39(Asn40-Thr476) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 75.9 kDa after removal of the signal peptide. The apparent molecular mass of CD39-hFc is approximately 100-130 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	The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
Usage	Research use only
Conjugate	Unconjugated

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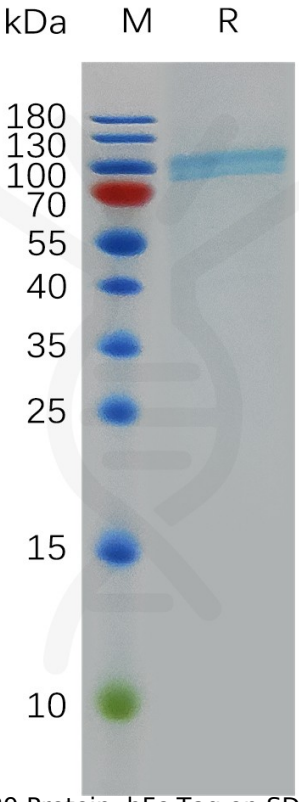


Figure 1. Human CD39 Protein, hFc Tag on SDS-PAGE under reducing condition.

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