PRODUCT INFORMATION

Target	ADORA2B
Synonyms	ADORA2
Description	Recombinant human ADORA2B protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	P29275
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	ADORA2B(Asn145-Pro178) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 39.27 kDa after removal of the signal peptide.
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 an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Jul 2008]
Usage	Research use only

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