Datasheet for ABIN7317182

SSR1 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	SSR1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human TRAP-alpha/SSR1 Protein (Fc Tag)
Sequence:	Met 1-Thr 207
Characteristics:	A DNA sequence encoding the human SSR1 (NP_003135.2) (Met1-Thr207) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	SSR1
Alternative Name:	TRAP-alpha/SSR1 (SSR1 Products)
Background:	Background: GMPR, also known as GMPR1, belongs to the IMPDH/GMPR family. This family of enzymes includes IMP dehydrogenase and GMP reductase. These enzymes are involved in purine metabolism and adopt a TIM barrel structure. GMPR is an enzyme that

Target Details

	catalyzes the irreversible and NADPH-dependent reductive deamination of GMP to IMP. GMPR functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides. Synonym: TRAPA
Molecular Weight:	47.8 kDa
NCBI Accession:	NP_003135
Pathways:	ER-Nucleus Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.