

Recombinant Human IZUMO4 Protein, Fc-tagged

Cat. No. IZUMO4-522H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human C19orf36 (Q1ZYL8) (Met1-His214) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-214 a.a.
Predicted N Terminal	Cys 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human C19orf36/Fc comprises 438 amino acids and has a predicted molecular mass of 49.8 kDa. The apparent molecular mass of the protein is approximately 55-59 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>96 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IZUMO4 IZUMO family member 4 [Homo sapiens]

Official Symbol IZUMO4

Synonyms C19orf36; IMAGE:4215339; putative SAMP14 binding protein variant 1; putative SAMP14 binding protein variant 2; sperm 22 kDa protein c113

Gene ID 113177

mRNA Refseq NM_001031735

Protein Refseq NP_001026905

MIM

UniProt ID Q1ZYL8

Chromosome Location 19p13.3

Pathway Fertilization, organism-specific biosystem; Reproduction, organism-specific biosystem; Sperm:Oocyte Membrane Binding, organism-specific biosystem

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