



Recombinant Human Factor VIII intron 22 protein (F8A1)

Product Code	CSB-MP007933HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23610
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AAAAAGLGG GGAGPGPEAG DFLARYRLVS NKLKKRFLRK PNVAEAGEQF GQLGRELRAQ ECLPYAAWCQ LAVARCQQAL FHGPGEALAL TEAARLFLRQ ERDARQRLVC PAAYGEPLQA AASALGAAVR LHLELGQPAA AAALCLELAA ALRDLGQPAA AAGHFQRAAQ LQLPQLPLAA LQALGEAASC QLLARDYTGA LAVFTRMQRL AREHGSHPVQ SLPPPPPPAP QPGPGATPAL PAALLPPNSG SAAPSPAALG AFSDVLRCE VSRVLLLLLL QPPPAKLLPE HAQTLEKYSW EAFDSHGQES SGQLPEELFL LLQSLVMATH EKDTEAIKSL QVEMWPLLTA EQNHLLHLVL QETISPSGQG V
Source	Mammalian cell
Target Names	F8A1
Protein Names	Recommended name: Factor VIII intron 22 protein Alternative name(s): CpG island protein
Expression Region	2-371
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is contained entirely within intron 22 of the factor VIII gene; spans less than 2 kb, and is transcribed in the direction opposite of factor VIII. A portion of intron 22 (int22h), containing F8A, is repeated twice extragenically closer to the Xq telomere. Although its function is unknown, the observation that this gene is conserved in the mouse implies it has some function. Unlike factor VIII, this gene is transcribed abundantly in a wide variety of cell types.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.