



Recombinant Human G antigen family D member 3 (XAGE2)

Product Code	CSB-EP839331HU-B
Abbreviation	XAGE2
Storage	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.
Uniprot No.	Q96GT9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSWRGRSTYR PRPRRSLQPP ELIGAMLEPT DEEPKEEKPP TKSRNPTPDQ KREDDQGAAE IQVPDLEADL QELCQTKTGD GCEGGTDVKG KILPKAEHFK MPEAGEGKSQ V
Source	E.coli
Target Names	XAGE2
Protein Names	Recommended name: G antigen family D member 3 Alternative name(s): Cancer/testis antigen 12.2 Short name= CT12.2 Protein XAGE-2
Expression Region	1-111
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 protein
Target Details	This gene is a member of the XAGE subfamily, which belongs to the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in normal testis, and in Ewing s sarcoma, rhabdomyosarcoma, a breast cancer and a germ cell tumor. This protein shares a sequence similarity with other GAGE/PAGE proteins. Because of the expression pattern and the sequence similarity, this protein also belongs to a family of CT (cancer-testis) antigens.
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.