

32-5255: Recombinant Human X Antigen Family, Member 1A

Alternative Name : X antigen family member 1,XAGE-1,Cancer/testis antigen 12.1,CT12.1,G antigen family D member 2,XAGE1A,GAGED2,XAGE1,CTP9,CT12.1C.

Description

Source : Escherichia Coli. XAGE1A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 104 amino acids (1-81 a.a) and having a molecular mass of 11.5kDa.XAGE1A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. G antigen family D member 2 (XAGE1A) belongs to the XAGE subfamily, which is a member of the GAGE family. The GAGE genes are expressed various tumors and in a number of fetal and reproductive tissues. XAGE1A contains a nuclear localization signal and shares a sequence similarity with other GAGE/PAGE proteins. XAGE1A is strongly expressed in Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. Due to the expression pattern and the sequence similarity, the XAGE1A protein is also a member of a family of CT (cancer-testis) antigens.

Product Info

Amount : 5 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : XAGE1A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 2mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMESEPKKK NQQLKVGILH LGSRQKKIRI QLRSCATWK VICKSCISQT
PGINLDLGSG VKVKIIPKEE HCKMPEAGEE QPQV.

