

AR50587PU-S

Human XAGE-1 / G antigen family D member 2 (1-81, His-tag) - Purified

Alternate names:	CT12.1, Cancer/testis antigen 12.1, GAGED2, XAGE1, XAGE1A, XAGE1B, XAGE1C, XAGE1D, XAGE1E
Quantity:	10 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	G antigen family D member 2, also known as XAGE1A, 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 Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. The protein encoded by this gene contains a nuclear localization signal and 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.
Uniprot ID:	Q9HD64
NCBI:	NP_001091061.2
GenelD:	653067
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2mM DTT
Description:	Recombinant human XAGE1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMEPPKKK NQQLKVGILH LGSRQKKIRI QLRSQCATWK VICKSCISQT PGINLDLGSG VKVKIIPKEE HCKMPEAGEE QPQV Molecular weight: 11.5 kDa (104aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Egland K.A., et al. (2002) Mol. Cancer Ther. 1:441-450 Sato S., et al. (2007) Cancer Immun. 7:5-5

Pictures:

