

Product datasheet for **AR50587PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	XAGE-1 / G antigen family D member 2 (1-81, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSME SP KKK NQQLKVGILH LGSRQKKIRI QLRSQCATWK VICKSCISQT PGINLDLGGG VKVKIIPKEE HCKMPEAGEE QPQV
Tag:	His-tag
Predicted MW:	11.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human XAGE1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001091073
Locus ID:	653067
UniProt ID:	Q9HD64
Cytogenetics:	Xp11.22
Synonyms:	CT12.1; CT12.1b; CT12.1C; CT12.1D; CT12.1E; CTP9; GAGED2; XAGE-1; XAGE1; XAGE1C; XAGE1D; XAGE1E



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Summary:

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 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. Alternative splicing of this gene, in addition to alternative transcription start sites, results in multiple transcript variants. [provided by RefSeq, Jan 2010]

Product images: