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Product datasheet for PH309757

XAGE2 (NM_130777) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	XAGE2 MS Standard C13 and N15-labeled recombinant protein (NP_570133)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209757
Predicted MW:	12.4 kDa
Protein Sequence:	>RC209757 protein sequence Red=Cloning site Green=Tags(s) MSWRGRSTYRPRPRRSLQPPELIGAMLEPTDEEPKEEKPPTKSRNPTPDQKREDDQGAAEIQVPDLEADL QELCQTKTGDGCEGGTDVKGKILPKAEHFKMPEAGEGKSQV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_570133
RefSeq Size:	651
RefSeq ORF:	333
Synonyms:	CT12.2; GAGED3; XAGE-2; XAGE2B
Locus ID:	9502
UniProt ID:	Q96GT9, A0A024R2A6
Cytogenetics:	Xp11.22

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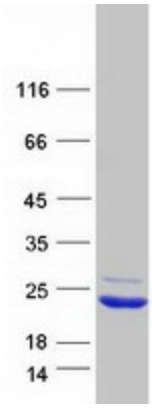
Summary: This gene is a member of the XAGE subfamily, which belongs to the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in normal testis, and in Ewing's sarcoma, rhabdomyosarcoma, a breast cancer and a germ cell tumor. The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified XAGE2 protein (Cat# [TP309757]). The protein was produced from HEK293T cells transfected with XAGE2 cDNA clone (Cat# [RC209757]) using MegaTran 2.0 (Cat# [TT210002]).