

## Product datasheet for **AR09277PU-L**

### Aurora kinase B (1-344, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Aurora kinase B (1-344, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MAQKENSYPW PYGRQTAPSG LSTLPQRVLR KEPVTPSALV LMSRSNVQPT AAPGQKVMEN SSGTPDILTR HFTIDDFEIG RPLGKGKFGN VYLAREKKSH FIVALKVLFK SQIEKEGVEH QLRREIEIQA HLHHPNILRL YNYFYDRRRI YLILEYAPRG ELYKELQKSC TFDEQRTATI MEELADALMY CHGKKVIHRD IKPENLLLGL KGELKIADFG WSVHAPSLRR KTMCGTLDYL PPEMIEGRMH NEKVDLWCIG VLCYELLVGN PPFESASHNE TYRRIVKVDL KFPASVPMGA QDLISKLLRH NP SERLPLAQ VSAHPWVRAN SRRVLPSSAL QSVA
Tag:	His-tag
Predicted MW:	41.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.5 mM DTT, 20% glycerol, 0.1 mM EDTA, 0.1 mM EGTA, 0.1 M NaCl, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Aurora Kinase B, 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001243763</u>
Locus ID:	9212
UniProt ID:	<u>Q96GD4</u>
Cytogenetics:	17p13.1



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**Synonyms:** AIK2; AIM-1; AIM1; ARK-2; ARK2; AurB; aurkb-sv1; aurkb-sv2; IPL1; PPP1R48; STK-1; STK5; STK12

**Summary:** This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

**Protein Families:** Druggable Genome, Protein Kinase, Stem cell - Pluripotency

**Product images:**

