

## Product datasheet for **AR50552PU-N**

### SIX1 (1-284, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	SIX1 (1-284, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSMLPS FGFTQEQVAC VCEVLQQGGN LERLGRFLWS LPACDHLHKN ESVLKAKAVV AFHRGNFREL YKILESHQFS PHNHPKLQQL WLKAHYVEAE KLRGRPLGAV GKYRVRKFP LPRTIWDGEE TSYCFKEKSR GVLREWYAHN PYPSPREKRE LAEATGLTTT QVSNWFKNRR QRDRAAEAKE RENTENNNSS SNKQNQLSPL EGGKPLMSSS EEEFSPPQSP DQNSVLLLQG NMGHARSSNY SLPGLTASQP SHGLQTHQHQ LQDSLLGPLT SSLVDLGS
Tag:	His-tag
Predicted MW:	34.7 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 10% glycerol 2M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SIX1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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:	<a href="#">NP_005973</a>
Locus ID:	6495
UniProt ID:	<a href="#">Q15475</a>
Cytogenetics:	14q23.1
Synonyms:	BOS3; DFNA23; TIP39



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**Summary:**

The protein encoded by this gene is a homeobox protein that is similar to the *Drosophila* 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in limb development. Defects in this gene are a cause of autosomal dominant deafness type 23 (DFNA23) and branchiootoc syndrome type 3 (BOS3). [provided by RefSeq, Jul 2008]

**Protein Families:**

Transcription Factors

**Product images:**