

Datasheet for ABIN1098684

SIX Homeobox 1 Protein (SIX1) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	SIX Homeobox 1 (SIX1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIX Homeobox 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purity: > 85 % by SDS - PAGE

Target Details

Target:	SIX Homeobox 1 (SIX1)
Alternative Name:	SIX1 (SIX1 Products)
Background:	SIX1, also known as homeobox protein SIX1, is a member of the SIX gene family. It encodes protein that is characterized by a divergent DNA-binding homeodomain and an upstream SIX domain, which may be involved both in determining DNA-binding specificity and in mediating protein-protein interactions. It has been shown to play roles in vertebrate and insect development or has been implicated in maintenance of the differentiated state of tissues. Recombinant human SIX1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	34.7 kDa(308aa)

Target Details

NCBI Accession: [NP_005973](#)

Pathways: [Sensory Perception of Sound, Regulation of Muscle Cell Differentiation, Tube Formation, Skeletal Muscle Fiber Development](#)

Application Details

Comment: Synonyms: homeobox protein SIX1, BOS3, DFNA23, TIP39

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 2 M Urea

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images

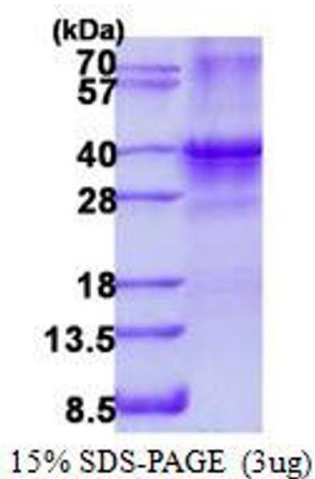


Image 1.