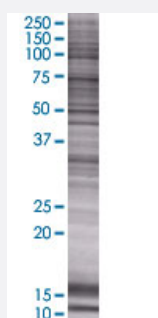


MSX1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004487-T01

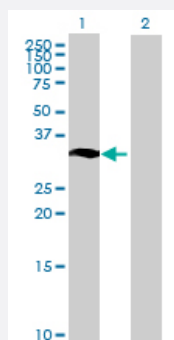
Size 100 uL

Applications



SDS-PAGE Gel

MSX1 transfected lysate.



Western Blot

Lane 1: MSX1 transfected lysate (32.78 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MSX1 full-length

Host Human

Theoretical MW (kDa) 32.78

Quality Control Testing Transient overexpression cell lysate was tested with Anti-MSX1 antibody ([H00004487-B01](#)) by Western Blots.
SDS-PAGE Gel
MSX1 transfected lysate.
Western Blot
Lane 1: MSX1 transfected lysate (32.78 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MSX1

Entrez GeneID[4487](#)**GeneBank Accession#**[NM_002448.2](#)**Protein Accession#**[AAH67353.1](#)**Gene Name**

MSX1

Gene Alias

HOX7, HYD1

Gene Description

msh homeobox 1

Omim ID[106600](#) [142983](#) [189500](#) [608874](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschhorn syndrome, and autosomal dominant hypodontia. [provided by RefSeq]

Other Designations

OTTHUMP00000115387|homeobox 7|msh homeobox 1|msh homeobox homolog 1

Disease

- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Multiple System Atrophy](#)
- [Parkinson disease](#)
- [Sleep Apnea](#)