

Product datasheet for **TP300380M**

PAX9 (NM_006194) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human paired box 9 (PAX9), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC200380 protein sequence
Red=Cloning site **Green**=Tags(s)

MEPAFGEVNQLGGVFVNGRPLPNAIRLRIVELAQLGIRPCDISRQLRVSHGCVSKILARYNETGSILPGA
IGGSKPRVTTPTVVKHIRTQYKQKRDGIFAWAIRDRLADGVCDKYNVPSVSSISRLRNKIGNLAQQGHY
DSYKQHQPTQPALPYNHIYSYSPITAAAAKVPTPPGVPAIPGSVAMPRTWPSSHSVTDILGIRSITDQ
VSDSSPYHSPKVEEWSSLGRNFPAAAPHAVNGLEKGALEQEAQYQAPNGLPAVGVSFVSASSMAPYPTP
AQVSPYMTYSAAPSGYVAGHWQHAGGTSLSPHNCDIPASLAFKGMQAAREGSHSVTASAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 36.1 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_006185](#)
Locus ID: 5083



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UniProt ID: [P55771](#)

RefSeq Size: 3122

Cytogenetics: 14q13.3

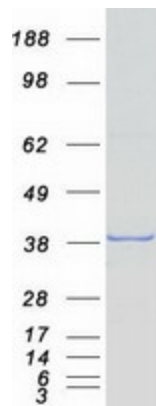
RefSeq ORF: 1023

Synonyms: STHAG3

Summary: This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3. [provided by RefSeq, Sep 2015]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified PAX9 protein (Cat# [TP300380]). The protein was produced from HEK293T cells transfected with PAX9 cDNA clone (Cat# [RC200380]) using MegaTran 2.0 (Cat# [TT210002]).