

Product datasheet for **TP308810M**

HOXC8 (NM_022658) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human homeobox C8 (HOXC8), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC208810 protein sequence
Red=Cloning site **Green**=Tags(s)

MSSYFVNPLFSKYKAGESLEPAYYDCRFPQSVGRSHALVYGP GGSAPGFQHASHHVQDFFHHGTSGISNS
GYQQNPCSLSCHGDASKFYGYEALPRQSLYGAQQEASVVQYPDCKSSANTNSSEGQGHNLNQNSSPSLMFP
WMRPHAPGRRSGRQTYSRYQTLELEKEFLFNPYLTRKRRIEVSHALGLTERQVKIWFQNRMRMKWKKENNK
DKLPGARDEEKVEEEGNEEEEEKEEEEKEENKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 27.6 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_073149](#)

Locus ID: 3224

UniProt ID: [P31273](#)



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RefSeq Size: 2290

Cytogenetics: 12q13.13

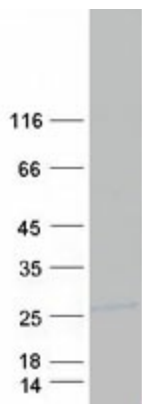
RefSeq ORF: 726

Synonyms: HOX3; HOX3A

Summary: This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HOXC8 protein (Cat# [TP308810]). The protein was produced from HEK293T cells transfected with HOXC8 cDNA clone (Cat# [RC208810]) using MegaTran 2.0 (Cat# [TT210002]).