Product datasheet for AR51096PU-N

HOXC11 / HOX3H (1-304, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HOXC11 / HOX3H (1-304, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMFNSVNL GNFCSPSRKE RGADFGERGS CASNLYLPSC TYYMPEFSTV SSFLPQAPSR QISYPYSAQV PPVREVSYGL EPSGKWHHRN SYSSCYAAAD ELMHRECLPP STVTEILMKN EGSYGGHHHP SAPHATPAGF YSSVNKNSVL PQAFDRFFDN AYCGGGDPPA EPPCSGKGEA KGEPEAPPAS GLASRAEAGA EAEAEEENTN PS
Tag:	His-tag
Predicted MW:	36.1 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
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:	NP_055027
Locus ID:	3227
UniProt ID:	O43248
Cytogenetics:	12q13.13
Synonyms:	HOX3H

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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 binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Product images:

15% SDS-PAGE (3ug)