

Recombinant Human HOXC13 Protein, GST-tagged

Cat. No. HOXC13-4977H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXC13 full-length ORF (NP_059106.2, 1 a.a. - 330 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 development of hair, nail, and filiform papilla. [provided by RefSeq]
Molecular Mass	62.7 kDa
AA Sequence	MTTSLLLHPRWPESLMYVYEDSAAESGIGGGGGGGGGGTGGAGGGCSGASPGKA PSMDGLGSSCPASHCRDLLPHPVLGRPPAPLGAPQGAVYTDIPAPEAARQCAPPPA PPTSSSATLGYGYPFGGSYYGCRLSHNVNLQKPCAYHPGDKYPEPSGALPGDDL SSRAKEFAFYPSFASSYQAMPGYLDVSVVPGISGHPEPRHDALIPVEGYQHWALSN GWDSQVYCSKEQSQSAHLWKSPFPDVVPLQPEVSSYRRGRKKRVPTYTKVQLKELE KEYAASKFITKEKRRRISATTNLSEKQVTIWFQNRREVKEKKVSKSKAPHLHST

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HOXC13 homeobox C13 [Homo sapiens]
Official Symbol	HOXC13
Synonyms	HOXC13; homeobox C13; homeo box C13 , HOX3, HOX3G; homeobox protein Hox-C13; NUP98/HOXC13; homeo box 3G; homeo box C13; homeobox protein Hox-3G; HOX3; HOX3G;
Gene ID	3229
mRNA Refseq	NM_017410
Protein Refseq	NP_059106
MIM	142976
UniProt ID	P31276

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