

Recombinant Human HDGF

Cat. No. HDGF-27530TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human fragment of HDGF amino acids 1-100, predicted MW: 11.5kDa.
Species	Human
Source	E.coli
ProteinLength	100 amino acids
Description	This gene encodes a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. This gene was thought initially to be located on chromosome X, however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Molecular Weight	11.500kDa
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	pH: 7.50Constituents:10% Glycerol, 0.32% Tris HCl, 0.02% DTT, 0.03% EDTA

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MSRSNRQKEY KCGDLVFAKM KGYPHWPARI DEMPEAAVKS TANKYQVFFF GTHETAFLGP KDLFPYEESK EKFGKPNKRK GFSEGLWEIE NNPTVKASGY
Sequence Similarities	Belongs to the HDGF family.Contains 1 PWWP domain.
GENE INFORMATION	
Gene Name	HDGF hepatoma-derived growth factor [Homo sapiens]
Official Symbol	HDGF
Synonyms	HDGF; hepatoma-derived growth factor; hepatoma derived growth factor (high mobility group protein 1 like); high mobility group protein 1 like; HMG1L2;
Gene ID	3068
mRNA Refseq	NM_001126050
Protein Refseq	NP_001119522
MIM	600339
Uniprot ID	P51858
Chromosome Location	1q21-q23
Pathway	Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Unfolded Protein Response, organism-

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specific biosystem;

Function

DNA binding; growth factor activity; heparin binding; nucleotide binding;

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