Active Recombinant Human Hepatoma-Derived Growth Factor-Related Protein 2, His-tagged

Cat. No. HDGFRP2-5637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantHuman HDGFRP2 protein was expressed in Murine myeloma cellline. Pro2-Ser671,with a C-terminal 6-His tag.
Species	Human
Source	Mammalian Cells
ProteinLength	2-671 a.a.
Description	HDGFRP2is a 74 kDa (predicted) member of the HDGF protein family. Similar to theelectrophoretic mobility of HRP-3, HRP-2 runs as an anomalously largemolecule in SDS-PAGE. Members of this gene family have a highly conserved 98amino acid (aa) sequence at the amino terminus (hath region, for homologousto amino terminus of HDGF). Human HDGFRP2 is 671 aa in length and has noconserved sequence other than the hath region.
Form	Lyophilized from a0.2 um filtered solution in PBS.
N-terminalSequence	Pro2
MolecularWeight	75 kDa
Activity	Measuredby its ability to enhance neurite outgrowth of E18 rat embryonic cortical neurons.Able to significantly enhance neurite outgrowth when immobilized at 6-

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	25μg/mL on a nitrocellulose-coated microplate.
Endotoxin Level	<1.0EU per 1μg of the protein by the LAL method.
SDS-PAGE	110-120kDa, reducing conditions.
Purity	>90%,by SDS-PAGE under reducing conditions and visualized by silver stain.
Reconstitution	250 μg/mLin sterile PBS
Storage	Use amanual defrost freezer and avoid repeated freeze-haw cycles. 12 monthsfrom date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C understerile conditions after reconstitution. 3 months, -20 to -70 °C understerile conditions after reconstitution.

GENE INFORMATION

Gene Name	HDGFRP2 hepatoma-derived growthfactor-related protein 2 [Homo sapiens]
Official Symbol	HDGFRP2
Synonyms	HDGFRP2; hepatoma-derivedgrowth factor-related protein 2; HDGF2; HRP-2; HDGF-2; hepatoma-derivedgrowth factor 2; Hepatoma-derivedgrowth factor-related protein 2 isoform 1 variantv
Gene ID	84717
mRNA Refseq	NM_001001520
Protein Refseq	NP_001001520

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UniProt ID	Q59H67
Chromosome Location	19p13.3
Function	DNA binding

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