

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

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

SPECIFICATION

Product Overview	Recombinant Human HDGFRP2 protein was expressed in Murine myeloma cellline. Pro2-Ser671, with a C-terminal 6-His tag.
Species	Human
Source	Mammalian Cells
Protein Length	2-671 a.a.
Description	HDGFRP2 is a 74 kDa (predicted) member of the HDGF protein family. Similar to the electrophoretic mobility of HRP-3, HRP-2 runs as an anomalously large molecule in SDS-PAGE. Members of this gene family have a highly conserved 98 amino acid (aa) sequence at the amino terminus (hath region, for homologous to amino terminus of HDGF). Human HDGFRP2 is 671 aa in length and has no conserved sequence other than the hath region.
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
N-terminal Sequence	Pro2
Molecular Weight	75 kDa
Activity	Measured by 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/mL in sterile PBS
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	HDGFRP2 hepatoma-derived growth factor-related protein 2 [Homo sapiens]
Official Symbol	HDGFRP2
Synonyms	HDGFRP2; hepatoma-derived growth factor-related protein 2; HDGF2; HRP-2; HDGF-2; hepatoma-derived growth factor 2; Hepatoma-derived growth factor-related protein 2 isoform 1 variant v
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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