

Hepatocyte recombinant protein

CatalogNo: YD3038

| Key Features

Reactivity

Human

Recommended Dilution Ratios

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

| Source | Mammalian cells |
|--------------|--------------------------------|
| Purification | Mammalian cells |
| Purity | >90% as determined by SDS-PAGE |

Immunogen Information

Squence Amino acid:495-728, with human FC tag.

| Target Information

Gene name HGF

Protein Name

Hepatocyte growth factor (Hepatopoietin-A) (Scatter factor) (SF) [Cleaved into: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain]

| Organism | Gene ID | UniProt ID | |
|----------|---------------|----------------|--|
| Human | <u>3082</u> ; | <u>P14210;</u> | |

Function

Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotrophic factor, and acts as a growth factor for a broad spectrum of tissues and cell types (PubMed:20624990). Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization (PubMed:15167892, PubMed:20977675). Activates MAPK signaling following TMPRSS13 cleavage and activation (PubMed:20977675).

Validation Data

| Contact information

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recombinant protein

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