

Heparanase (HPSE)

Product Information

Cat#	DIA-746
Descriptions	Heparanase (HPSE) is an endo- β -glucuronidase that cleaves internal glycosidic bonds in heparan sulfate chains of the extracellular matrix, promotes matrix remodeling and angiogenesis, and is recognized as a key therapeutic target for tumor metastasis and inflammatory diseases.
Applications	Heparanase (HPSE) is suitable for tumor metastasis detection kits and extracellular matrix remodeling assay reagent development.
CAS No.	32-1-16653
Enzyme Commission Number	EC 3.2.1.166
Enzyme Source	Chinese Hamster Ovary cell line, CHO-derived human Heparanase/HPSE protein.
Reaction	Endohydrolysis of (1 $\rightarrow$ 4)-beta-D-glycosidic bonds of heparan sulfate chains in heparan sulfate proteoglycan.
Activity Definition	Measured by its ability to release biotinylated heparan sulfate from Recombinant Human Syndecan-4.