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## Datasheet for ABIN7490767 HPSE Protein (His tag)

### Overview

Quantity:	100 µg
Target:	HPSE
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPSE protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human HPSE protein with C-terminal 6xHis tag
Specificity:	HPSE (Gln36-Ile543) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	HPSE
Alternative Name:	HPSE ( <a href="#">HPSE Products</a> )
Background:	<p>Heparanase, Hpa1, HEP, HPA, HPA1, HPR1, HPSE1, HSE1 Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix.</p> <p>Description: The protein encoded by this gene is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In</p>

## Target Details

addition, this cleavage can release bioactive molecules from the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

**Molecular Weight:** predicted molecular mass of 58.4 kDa after removal of the signal peptide. The apparent molecular mass of HPSE-His is 55-70 kDa due to glycosylation.

**UniProt:** [Q9Y251](#)

**Pathways:** [Glycosaminoglycan Metabolic Process](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months