

Hyaluronan synthase 1

Catalog No: #AP79488



Package Size: #AP79488-1 50ug #AP79488-2 100ug #AP79488-3 1mg

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Description

Product Name	Hyaluronan synthase 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	74-399AA
Other Names	HAS,Hyaluronate synthase 1,Hyaluronic acid synthase 1,HA synthase 1
Accession No.	Q92839Gene name:HAS1
Uniprot	Q92839
GeneID	3036;
Calculated MW	35.86
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the addition of GlcNAc or GlcUA monosaccharides to the nascent hyaluronan polymer. Therefore, it is essential to hyaluronan synthesis a major component of most extracellular matrices that has a structural role in tissues architectures and regulates cell adhesion, migration and differentiation. This is one of the isozymes catalyzing that reaction. Also able to catalyze the synthesis of chito-oligosaccharide depending on the substrate.

References

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Note: This product is for in vitro research use only