

Recombinant Full Length Human HAS3 Protein, GST-tagged

Cat. No. HAS3-3484HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HAS3 full-length ORF (AAH21853, 1 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	281 amino acids
Description	The protein encoded by this gene is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. This gene is a member of the NODC/HAS gene family. Compared to the proteins encoded by other members of this gene family, this protein appears to be more of a regulator of hyaluronan synthesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Molecular Mass	56.65 kDa
AA Sequence	MPVQLTTALRVVGTSLFALAVLGGILAAYVTGYQFIHTEKHLYSFGLYGAILGLHLLIQ SLFAFLEHRRMRRAGQALKLPSPRRGSVALCIAAYQEDPDYLRKCLRSAQRISFPDL KVVMVVDGNRQEDAYMLDIFHEVLGGTEQAGFFVWRSNFHEAGEGETEASLQEGM DRVRDVVRASTFSCIMQKWGGKREVMYATFKALGDSVDYIQVCDSDTVLDPACTIE MLRVLEEDPQVGGVGGDVQPPGKGMAVEDDQVQAAQVRATEAWSVHQRHVSRE Q

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HAS3 hyaluronan synthase 3 [Homo sapiens (human)]
Official Symbol	HAS3
Synonyms	HAS3; hyaluronan synthase 3; hyaluronan synthase 3; HA synthase 3; hyaluronate synthase 3; hyaluronic acid synthase 3; EC 2.4.1.212
Gene ID	3038
mRNA Refseq	NM_001199280
Protein Refseq	NP_001186209
MIM	602428
UniProt ID	O00219

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