

Recombinant Human HAS3 Protein, GST-tagged

Cat. No. HAS3-4585H **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	Wheat Germ
Description	<p>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.</p> <p>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</p>
Molecular Mass	56.65 kDa
AA Sequence	<pre>MPVQLTTALRVVGTSLFALAVLGGILAAAYVTGYQFIHTEKHYSFGLYGAILGLHLLIQ SLFAFLEHRRMRAGQALKLPSPRRGSVALCIAAYQEDPDYLRKCLRSAQRISFPDL KVVMVVDGNRQEDAYMLDIFHEVLGGTEQAGFFVWRSNFHEAGEGETEASLQEGM DRVRDVVRASTFSCIMQKWGGKREVMYAFKALGDSVDYIQVCDSDTVLDPACTIE MLRVLEEDPQVGGVGGDVQPPGKGMAVEDDQVQAAQVRATEAWSVHQRHVSRE Q</pre>
Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p>

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	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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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