

Recombinant Human FUCA1 Protein, His-tagged

Cat. No. FUCA1-8618H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUCA1 Protein(P04066) (Gln32-Lys466) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	32-466 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human FUCA1 consists of 446 amino acids and predicts a molecular mass of 51.9 KDa. It migrates as an approximately 57 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	FUCA1 fucosidase, alpha-L- 1, tissue [Homo sapiens]
Official Symbol	FUCA1
Synonyms	FUCA1; fucosidase, alpha-L- 1, tissue; tissue alpha-L-fucosidase; alpha-L-fucosidase 1; alpha-L-fucosidase I; alpha-L-fucoside fucohydrolase 1; FUCA;
Gene ID	2517
mRNA Refseq	NM_000147
Protein Refseq	NP_000138
MIM	612280
UniProt ID	P04066

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