

Recombinant Human ST7, His-tagged

Cat. No. ST7-7989H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LowDensity Lipoprotein ReceptorRelated Protein 12/LRP12 is produced with our mammalian cells expression system in HEK293. The target protein is expressed with sequence (Glu33Arg492) of Human st7 fused with a polyhistidine tag at the Cterminus.
Species	Human
Source	HEK293
Description	LowDensity Lipoprotein ReceptorRelated Protein 12 (LRP12) belongs to the LDLR family. LRP12 is a type I transmembrane protein annd widely expressed in heart, skeletal muscle, brain, lung, placenta and pancreas. LRP12 contains 2 CUB domain and 5 LDLreceptor class A domain. LRP12 has been shown to interact with GNB2L1, ZFYVE9 and ITGB1BP3. LRP12 is a receptor probably, which may be involved in the internalization of lipophilic molecules and/or signal transduction. In addition, LRP12 may act as a tumor suppressor.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
AA Sequence	EHSENVHISG VSTACGETPE QIRAPSGIIT SPGWPSEYPA KINC SWFIRA NPGEIITISF QDFDIQGS R CNLDWLTIE TYKNIESYRA CGSTIPPPYI SSQDHIWIRF HSDDNISRKG F RLAYFSGK SEEPNCACDQ FRCGNGKCIP EAWKCNNMDE CGDSSDEEIC AKEANPPTAA AF QPCAYNQ FQCLSRFTKV YTCLPESLKC DGNIDCLDLG DEIDCDVPTC GQWLKYFYGT FNS PNYPDF

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	YPPGSNCTWL
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	ST7 suppression of tumorigenicity 7 [Homo sapiens]
Official Symbol	ST7
Synonyms	ST7; suppression of tumorigenicity 7; ETS7q, FAM4A, FAM4A1, HELG, RAY1, SEN4, TSG7; family with sequence similarity 4, subfamily A, member 1; suppression of tumorigenicity 7 (breast); suppressor of tumorigenicity 7 protein
Gene ID	7982
MIM	600833
UniProt ID	Q9NRC1
Chromosome Location	7q31.2

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