

Recombinant Human L antigen family, member 3, His-tagged

Cat. No. LAGE3-528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LAGE3, 1-143aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-143 a.a.
Description	L antigen family member 3, also known as LAGE3, belongs to the CTAG family. Members of the LAGE/ESO gene family are clustered together on human chromosome Xq28 and have similar exon-intron structures. Unlike the other family members, which are normally expressed only in testis and activated in a wide range of human tumors, LAGE3 is ubiquitously expressed in somatic tissues. This protein is also highly conserved in mouse and rat, suggesting that the encoded protein is functionally important. Recombinant human LAGE3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT
Molecular Mass	17.2kDa (166aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRDADAD AGGGADGGDG RGGHSCRGGV DTAAAPAGGA PPAHAPGPGR DAASAARGSR MRPHIFTL SV PFPTPLEAEI

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AHGSLAPDAE PHQRVVGKDL TVSGRILVVR WKAEDCRLLR ISVINFLDQL
SLVVRTMQRF GPPVSR

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [LAGE3 L antigen family, member 3 \[Homo sapiens \]](#)

Official Symbol LAGE3

Synonyms LAGE3; L antigen family, member 3; L antigen family member 3; CVG5; DNA segment on chromosome X (unique) 9879 expressed sequence; DXS9879E; DXS9951E; ESO3; ITBA2; protein ESO-3;

Gene ID [8270](#)

mRNA Refseq [NM_006014](#)

Protein Refseq [NP_006005](#)

MIM [300060](#)

UniProt ID [Q14657](#)

Chromosome Location Xq28

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Function	molecular_function;
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