

Fucosyltransferase 2 Recombinant Protein | FUT2 recombinant protein

Recombinant Fucosyltransferase 2 (FUT2)

CATALOG # AAA150276	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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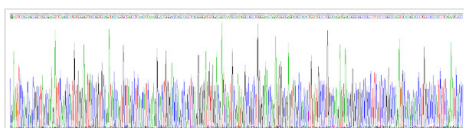
PRODUCT SYNONYMS

Fucosyltransferase 2; Recombinant Fucosyltransferase 2 (FUT2); SE; Se2; Sej; Secretor Status Included; Galactoside 2-Alpha-L-Fucosyltransferase 2; Secretor blood group alpha-2-fucosyltransferase; Secretor factor; FUT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose .
Applicable Applications for FUT2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln29~His343
Tags	N-terminal His Tag
Subcellular Location	Membrane, Golgi apparatus
Traits	Freeze-dried powder
Isoelectric point	8.7
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



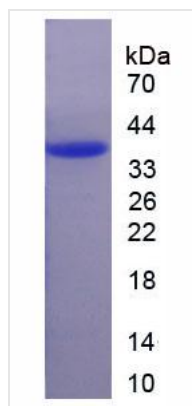
Identification

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                                QQ RLAKIQAMWE LPVQIPVLAS
TSKALGPSQL RGMWTINAIG RLGNQMGEYA TLYALAKMNG RPAFIPAQMH
STLAPIFRIT LPVLHSATAS RIPWQNYHLN DWMEEEYRHI PGEYVRFTGY
PCSWTFYHHL RQEILQEFTL HDHVREEAQK FLRGLQVNGS RPTGTFGVHV
RRGDYVHVMP KVKKGVVADR RYLQALDWF RARYSSLIFV VTSNGMAWCR
ENIDTSHGDV VFAGDGIEGS PAKDFALLTQ CNHTIMTIGT FGIWAAYLTG
GDTIYLANVT LPDSPFLKIF KPEAAFLPEW TGIAADLSPL LKH

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Gene Sequence



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for FUT2 recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148237372
NCBI GeneID	2524
NCBI Accession #	NP_000502.4
NCBI GenBank Nucleotide #	NP_000502.4
UniProt Accession #	Q10981
Molecular Weight	Predicted Molecular Mass: 39.4kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	galactoside 2-alpha-L-fucosyltransferase 2
NCBI Official Synonym Full Names	fucosyltransferase 2
NCBI Official Symbol	FUT2
NCBI Official Synonym Symbols	SE; Se2; sej; SEC2; B12QTL1
NCBI Protein Information	galactoside 2-alpha-L-fucosyltransferase 2
UniProt Protein Name	Galactoside 2-alpha-L-fucosyltransferase 2
UniProt Gene Name	FUT2
UniProt Synonym Gene Names	SEC2; Se
UniProt Entry Name	FUT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fut2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150276>