

RPPB2420

Product Information Protein Information

Product SKU:

RPPB2420

Accession:

Q9H1B5

Host:

HEK293 Cells.

Protein description:

XYLT2 Human Recombinant is a single, glycosylated polypeptide chain containing 839 amino acids (Gly37-Arg865, luminal domain, isoform 1, natural variant with Thr305) and having a molecular mass of 94.0kDa. XYLT2 is fused to an N-terminal linker (2 extra a.a), C-terminal linker (2 extra a.a) and C-terminal His-tag (6 extra a.a).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Xylosyltransferase 2, Peptide O-xylosyltransferase 1, Xylosyltransferase II, XT-II, XylT-II, XYLT2, XT2.

Formulation:

XYLT2 filtered (0.4 µm) and lyophilized in 0.05 M PBS and 0.075 M NaCl, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. XYLT2 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

ASGLEEDEAG EKGRQRKPRP LDPGEGSKDT DSSAGRRGST GRRHGRWRGR AESPGVPVAK VVRAVTSRQR
ASRRVPPAPP PEAPGRQNLS GAAAGEALVG AAGFPPHGDG GSVEGAPQPT DNGFTPKCEI VGKDALSALA
RASTKQCQQE IANVVCLHQA GSLMPKAVPR HCQLTGKMSG GIQWDESQAQ QPMDGPPVRI AYMLVHGRA
IRQLKRLKA VYHEQHFFYI HVDKRSYDLH REVVELAQGY DNVRVTPWRM VTIWGGASLL TMYLRSMRDL
LEVPGWAWDF FINLSATDYP TRTNEELVAF LSKNRDKNFL KSHGRDNSRF IKKQGLDRLF HECDSHMRDL
GERQIPAGIV VDGSDWFVL TRSFVEVVY TDDPLVAQLR QFYTYLLPA ESFFHTVLEN SLACETLVDN
NLRVTNWNRK LGCKCQYKHI VDWCPCSPND FKPQDFLRQ QVSRPTFFAR KFESTVNQEV LEILDFHLYG
SYPPGTPALK AYWENTYDAA DGPSGLSDVM LTAYTAFARL SLHHAATAAP PMGTPLCRFE PRGLPSSVHL
YFYDDHFQGY LVTQAVQPSA QGPAETLEMW LMPQGSLLKLL GRSDQASRLQ SLEVGTDWDP KERLFRNFGG
LLGPLDEPVA VQRWARGPNL TATVVWIDPT YVATSVDIT VDTETEVTQY KPPLSRPLRP GPWTVRLLQF
WEPLGETRFL VLPLTFNRKL PLRKDDASWL HAGPPHNEYM EQSFQGLSSI LNLQPPELAE EAAQRHTQLT
GPALEAWTDR ELSSFWVAVG LCAIGSPSPC SLEPCRLTSW SLSLSPDKSE LGPVKADGRL RKLHHHHHHH.