

Recombinant Human AFF3 Protein, His tagged

Cat. No. AFF3-3232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AFF3 Protein (1-1251 aa) with C-His tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-1251 aa
Description	This gene encodes a tissue-restricted nuclear transcriptional activator that is preferentially expressed in lymphoid tissue. Isolation of this protein initially defined a highly conserved LAF4/MLLT2 gene family of nuclear transcription factors that may function in lymphoid development and oncogenesis. In some ALL patients, this gene has been found fused to the gene for MLL. Multiple alternatively spliced transcript variants that encode different proteins have been found for this gene.
Form	Sterile PBS, pH7.4, 0.1% SKL
Molecular Mass	138 kDa
AASequence	MHHHHHHHHHHMDSFDLALLQEWDLES LWGEDILNQRNDSL VVEFQSSASRCRSV YEPDRNALRRKERERRNQETQQDDGTFNSSYSLFSEPYKTNKGDELSNRIQNTLGN YDEMKDFLTDRSNQSHLVGVPKPGVPQTPV NKIDEHFVADSRAQNQPSSICSTTTS TPAAVPVQQSKRGTMGWQKAGHPPSDGQQRATQQGSLRTL LGDGVGRQQPRAK QVCNVEVGLQTQERPPAMAAKHSSSGHCVQNFPPSLASKPSLVQQKPTAYVRPMD

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GQDQAPDESPKLKSSSETSVHCTSYRGVPASKPEPARAKAKLSKFSIPKQGEESRS
 GETNSCVEEIIREMTWLPPLSAIQAPGKVEPTKFFPNKDSQLVSSGHNNPKKGDAE
 PESPDNGTSNTSMLEDDLKSSDEEENEQQAQRTALRALSDSAVVQQPNCRTSV
 PSSKGSSSSSSSGSSSSSSDSESSSGSDSETSSSSSESESGKPPHFSSPEAEPASS
 NKWQLDKWLNKVNPHKPPILIQNESHGSESNQYYNPVKEDVQDCGKVPDVCQPSL
 REKEIKSTCKEEQRPRRTANKAPGSKGVKQKSPPAAVAVAVSAAAPPAVPCAPAEN
 APAPARRSAGKKPTRRTERTSAGDGANCHRPEEPAAADALGTSVVVPPEPTKTRP
 CGNNRASHRKELRSSVTCEKRRTRGLSRIVPKSKEFIETSSSSSSSSSDSDLESEQE
 EYPLSKAQTVAAASASSGNDQRLKEAAANGGSGPRAPVGSINARTTSDIAKELEEQFY
 TLVPFGRNELLSPDKSDSDEIRSLWVKIDLTLLSRIPEHLPQEPGVLSAPATKDSSESAPP
 SHTSDTPAEKALPKSKRKRKCDNEDDYREIKKSQGEKDSSSRLATSTSNLTSANHC
 NMNINSVAIPINKNEKMLRSPISPLSDASKHKYTSSEDLTSSSRPNGNSLFTSASSSKK
 PKADSQLQPHGGDLTKAAHNSENIPLHKSRPQTKPWSPGSNGHRDCKRQKLVFD
 DMPRSADYFMQEAKRMKHKADAMVEKFGKALNYAEAALSFIECGNAMEQGPMESK
 SPYTMYSSETVELIRYAMRLKTHSGPNATPEDKQLAALCYRCLALLYWRMFRLKRDH
 AVKYSKALIDYFKNSSKAAQAPSPWGASGKSTGTPSPMSPNPSPASSVGSQGSLSN
 ASALSPSTIVSIPQRIHQMAANHVSITNSILHSYDYWEMADNLAKENREFFNDLDDLLM
 GPVTLHSSMEHLVQYSQQGLHWLRNSAHL

Endotoxin < 1 EU/μg by LAL

Purity > 80% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

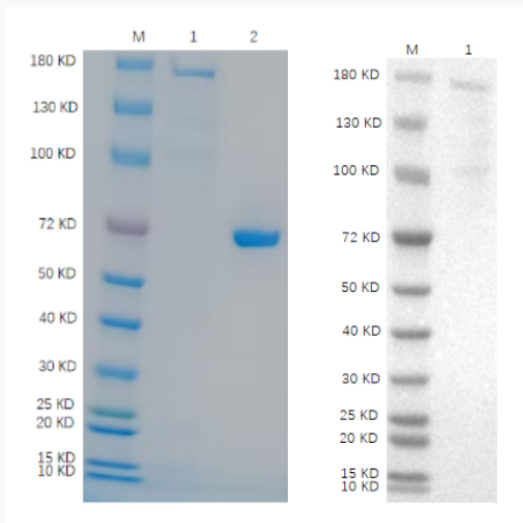
Concentration 0.2 mg/mL by BCA

GENE INFORMATION

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Gene Name	AFF3 AF4/FMR2 family, member 3 [Homo sapiens (human)]
Official Symbol	AFF3
Synonyms	AFF3; AF4/FMR2 family, member 3; LAF4, lymphoid nuclear protein related to AF4; AF4/FMR2 family member 3; MLLT2 like; protein LAF-4; MLLT2-related protein; lymphoid nuclear protein 4; lymphoid nuclear protein related to AF4; LAF4; MLLT2-like;
Gene ID	3899
mRNA Refseq	NM_001025108
Protein Refseq	NP_001020279
MIM	601464
UniProt ID	P51826
SDS-PAGE and WB	

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Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified AFF3. 1. AFF3: 1 μ g 2. BSA: 1 μ g

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