Recombinant Human AFF2

Cat. No. AFF2-26444TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human AFF2 with N terminal proprietary tag. Predicted MW 37.84 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	111 amino acids
Description	This gene encodes a putative transcriptional activator that is a member of the AF4\FMR2 gene family. This gene is associated with the folate-sensitive fragile X E locus on chromosome X. A repeat polymorphism in the fragile X E locus results in silencing of this gene causing Fragile X E syndrome. Fragile X E syndrome is a form of nonsyndromic X-linked mental retardation. Alternate splicing results in multiple transcript variants.
Molecular Weight	37.840kDa inclusive of tags
Tissue specificity	Brain (most abundant in hippocampus and amygdala), placenta and lung.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KNEPSFFPEQKNRIIPPHQDNTHPSAPMPPPSVVILNSTL IHSNRKSKPEWSRDSHN PSTVLASQASGQPNKMQTLTQDQ SQAKLEDFFVYPAEQPQIGEVEESNPSAKED
Sequence Similarities	Belongs to the AF4 family.

GENE INFORMATION

Gene Name	AFF2 AF4/FMR2 family, member 2 [Homo sapiens]
Official Symbol	AFF2
Synonyms	AFF2; AF4/FMR2 family, member 2; FMR2, fragile X mental retardation 2; AF4/FMR2 family member 2; FRAXE;
Gene ID	2334
mRNA Refseq	NM_001169122
Protein Refseq	NP_001162593
MIM	300806
Uniprot ID	P51816
Chromosome Location	Xq28
Function	G-quadruplex RNA binding;

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