



Datasheet for ABIN7274577

## FAM19A5 Protein (AA 37-125) (His tag)



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### 2 Images

#### Overview

Quantity:	100 µg
Target:	FAM19A5
Protein Characteristics:	AA 37-125
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM19A5 protein is labelled with His tag.

#### Product Details

Purpose:	Human FAM19A5 Protein
Sequence:	Thr37-Ser125
Characteristics:	Recombinant Human FAM19A5 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Thr37-Ser125.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### Target Details

Target:	FAM19A5
Alternative Name:	FAM19A5 ( <a href="#">FAM19A5 Products</a> )

## Target Details

Background:	FAM19A5 is a secretory protein that is predominantly expressed in the brain. Although the FAM19A5 gene has been found to be associated with neurological and/or psychiatric diseases, only limited information is available on its function in the brain. FAM19A5 plays a role in nervous system development from an early stage and increases its expression in response to pathological conditions in subsets of neurons and OPCs of the brain.
Molecular Weight:	10.79 kDa. The protein migrates to 13-14 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_056196</a>

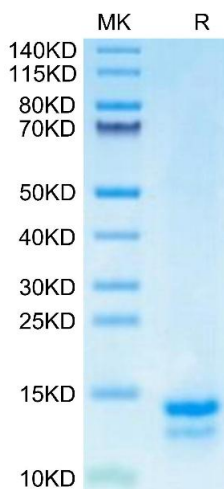
## Application Details

Restrictions:	For Research Use only
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## Handling

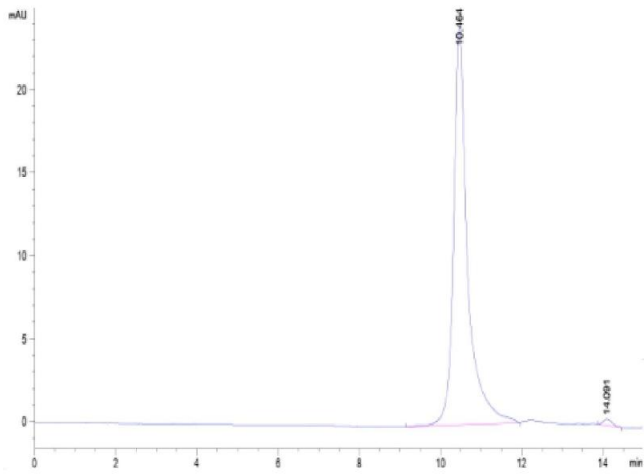
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM Tris, 300 mM NaCl, 10 % Glycerol ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** Human FAM19A5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human FAM19A5 is greater than 95 % as determined by SEC-HPLC.