Active Recombinant Human GABARAP Protein, His-tagged Protein, Fluorescein

Cat. No. GABARAP-580H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GABARAP (Accession # NP_009209), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (XμM) in 50mM Hepes pH 7.5, 100mM NaCl.Actual concentration varies with lot number.
Bio-activity	Recombinant Human His6-GABARAP/Apg8p1 Fluorescein is ideal for use in assays requiring fluorescent detection. Optimal fluorescence at pH 8.0 is monitored with an excitation wavelength of 490 nM and an emission wavelength of 515 nM. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-GABARAP/Apg8p1 Fluorescein concentration of 0.1-1 μM.
Purity	>95%, by PAGE.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	GABARAP GABA(A) receptor-associated protein [Homo sapiens]
Official Symbol	GABARAP
Synonyms	GABARAP; GABA(A) receptor-associated protein; gamma-aminobutyric acid receptor-associated protein; ATG8A; MM46; GABARAP-a; FLJ25768; MGC120154; MGC120155;
Gene ID	11337
mRNA Refseq	NM_007278
Protein Refseq	NP_009209
MIM	605125
UniProt ID	O95166
Chromosome Location	17p13.1

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