

Recombinant Human BAS, GST-tagged

Cat. No. BAS-1855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BAS protein (a.a. 2091-2490) with N-terminus GST-tag was expressed in <i>E.coli</i> expression system, MW=71.8 kDa.
Species	Human
Source	<i>E.coli</i>
Protein Length	2091-2490 a.a.
Description	BAS gene locates on chromosome 21 and participates in regulating the fl-adrenergic response of human fibroblasts.
Formulation	25 mM Tris-HCl, pH 8.0, 75 mM NaCl, 0.05% Tween-20, 50% glycerol, 2 mM EDTA, 1 mM DTT, 10 mM glutathione.
Purity	> 80% by SDS-PAGE.
Specific Activity	5 U/g. One unit will hydrolyze 1 nmol p-nitrophenyl phosphate per minute at pH 7.4 and 30°C. Assay buffer: 50 mM HEPES, pH 7.4, 2 mM EDTA, 3 mM DTT, and 100 mM NaCl. The specific activity of Bas was determined using pNPP. Enzyme reaction condition: 50 mM HEPES, pH 7.4, 2 mM EDTA, 3mMDTT, 100 mM NaCl, 20 mM pNPP, and 20 ng/μenzyme, for 5 min at 30°C.
Application	Useful for the study of enzyme kinetics, regulation, to dephosphorylate target substrates and for screening inhibitors.

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Storage	>6 months at –80°C.
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GENE INFORMATION

Gene Name	BAS Beta-adrenergic stimulation, response to [Homo sapiens]
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Synonyms	BAS; Beta-adrenergic stimulation, response to
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Gene ID	8213
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MIM	109670
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Chromosome Location	21
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