

Recombinant Human GDF11 Protein, GST-tagged

Cat. No. GDF11-4820H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GDF11 partial ORF (NP_005802, 310 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development. [provided by RefSeq]
Molecular Mass	36.52 kDa
AA Sequence	ESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCEYMFQMYPHTHLVQQANP RGSAGPCCTPTKMSPINMLYFNDKQKIIYGKIPGMVVDRCGS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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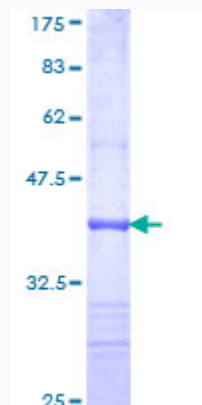
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GDF11 growth differentiation factor 11 [Homo sapiens]
Official Symbol	GDF11
Synonyms	GDF11; growth differentiation factor 11; growth/differentiation factor 11; BMP 11; GDF-11; bone morphogenetic protein 11; BMP11; BMP-11;
Gene ID	10220
mRNA Refseq	NM_005811
Protein Refseq	NP_005802
MIM	603936
UniProt ID	O95390

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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