

Recombinant Human BRD8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BRD8-2396H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BRD8 MS Standard C13 and N15-labeled recombinant protein (NP_631938) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene interacts with thyroid hormone receptor in a ligand-dependent manner and enhances thyroid hormone-dependent activation from thyroid response elements. This protein contains a bromodomain and is thought to be a nuclear receptor coactivator. Multiple alternatively spliced transcript variants that encode distinct isoforms have been identified.
Molecular Mass	135.2 kDa
AA Sequence	MATGTGKHKLLSTGPTEPWSIREKLCLASSVMRSGDQNWVSVSRAIKPFAEPGRPP DWFSQKHCHASQYSELLETETPKRKRGEKGEVVETVEDVIVRKLTAERVEELKKVIK ETQERYRRLKRDAELIQAGHMDSRLDELNCNDIATKKKLEEEAEVKRKATDAAYQAR QAVKTPPRRLPTVMVRSPIDSASPGGDYPLGDLTPPTMEEATSGVNESEMAVASGH LNSTGVLLEVGGVLPIMHGGEIQQTPNTVAASPAASGAPTLRLLLEAGPTQFTTPLA SFTTVASEPPVKLVPPPVESVSQATIVMMPALPAPSSAPAVSTTESVAPVSQPDNCV PMEAVGDPHTVTVSMDSSEISMIINSIKEECFRSGVAEAPVGSKAPSIDGKEELDIAE KMDIAVSYTGEELDFETVGDIIAIEDKVDDHPEVLDVAAVEAALSFCCEEDDPQSLPG

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PWEHPIQQERDKPVPLPAPEMTVKQERLDFEETENKGIHELVDIREPSAEIKVEPAEP
 EPVISGAEIVAGVVPATSMPEPELRSQDLDEELGSTAAGEIVEADVAIGKGDETPLTN
 VKTEASPESMLSPSHGSGNPIEDPLEAETQHKFEMSDSLKEESGTIFGSQIKDAPGED
 EEEDGVSEAASLEEPKEEDQGEGYLSEMDNEPPVSESDDGFSIHNATLQSHTLADSI
 PSSPASSQFSVCSEDQEA IQAQKIWKKAIMLVWRAAANHRYANVFLQPVTDDIAPGY
 HSIVQRPMDLSTIKKNIENGLIRSTAEFQRDIMLMFQNAVMYNSSDHDVYHMAVEMQ
 RDVLEQIQQFLATQLIMQTSSESGISAKSLRGRDSTRKQDASEKDSVPMGSPAFLLSL
 FMGHEWVWLDSEQDHPNDSELSNDCRSLFSSWDSSLDLDVGNWRETEDPEAEEL
 EESSPEREPSELLVGDGGSEESQEAARKASHQNLLHFLSEVAYLMEPLCISSNESSE
 GCCPPSGTRQEGREIKASEGERELCRETEELSAKGDPLVAEKPLGENGKPEVASAP
 SVICTVQGLLTESEEGEAQQESKGEDQGEVYVSEMEDQPPSGECDDAFNIKETPLV
 DTLFSHATSSKLTDLSDQDDPVQDHLLFKKTLLPVWKMIASHRFSSPFLKPVSERQAP
 GYKDVVKRPMDLTSLKRNL SKGRIRTMAQFLRDLMLMFQNAVMYNDSDDHHVYHMA
 VEMRREVLEQIQVLNIWLDKRKGSSSLEGE PANPVDDGKPVFTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BRD8 bromodomain containing 8 [Homo sapiens (human)]

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Official Symbol	BRD8
Synonyms	BRD8; bromodomain containing 8; bromodomain-containing protein 8; p120; SMAP; trCP120; skeletal muscle abundant protein 2; thyroid hormone receptor coactivating protein of 120 kDa; SMAP2;
Gene ID	10902
mRNA Refseq	NM_139199
Protein Refseq	NP_631938
MIM	602848
UniProt ID	Q9H0E9
SDS-PAGE	